

Proposal / Contract Cover

PROPOSAL SUBMITTED BY		
UNO Construction Company, Inc.		
Contractor's Name		
6037 Brookbank		
Street		P.O. Box
Downers Grove	Il	60516
City	State	Zip Code

STATE OF ILLINOIS

COUNTY OF Cook

Indian Head Park

(Name of City, Village, Town or Road District)

- ☐ ESTIMATE OF COST
- ☒ SPECIFICATIONS
- ☐ PLANS
- ☐ MATERIAL PROPOSAL
- ☐ DELIVER AND INSTALL PROPOSAL
- ☒ CONTRACT PROPOSAL
- ☒ CONTRACT
- ☒ CONTRACT BOND

FOR THE IMPROVEMENT OF

STREET NAME OR ROUTE NO. Cochise Drive Water Main Improvements

SECTION NO. NA

TYPES OF FUNDS DCEO

Notice to Bidders

RETURN WITH BID

Route Cochise Dr.
County Cook
Local Agency Indian Head Park
Section _____

Time and Place of Opening of Bids

Sealed proposals for the improvement described below will be received at the office of Village of Indian Head Park

Administration Office, 201 Acacia Drive, Indian Head Park, IL 60525

until 11:00 o'clock A M., April 4, 2013 (address)
at 11:00 o'clock A M., April 4, 2013 (date) at the office of Village of Indian Head Park
Administration Office, 201 Acacia Drive, Indian Head Park, IL 60525 (address)

Proposals will be opened and read publicly

Description of Work

Name Cochise Drive Water Main Improvements Length 3000 feet (.57 miles)

Location Cochise Drive beginning at the intersection of Osceola Tr. and Cochise Dr. and extending 3000' east

Proposed Improvement Water main installation, driveway and sidewalk removal and replacement, pavement patching, and landscaping restoration.

Bidders Instructions

1. Plans and proposal forms will be available in the office of Christopher B. Burke Engineering, Ltd.,
224 – ½ N. Liberty Street, Morris, IL 60450 for the sum of Thirty Dollars (\$30.00) non-refundable.
All checks shall be made to "Christopher B. Burke Engineering, Ltd." Contact: Casey McCollom (815) 941-0260
2. If prequalification is required, the 2 low bidders must file within 24 hours after the letting an "Affidavit of Availability" (Form BC 57), in triplicate, showing all uncompleted contracts awarded to them and all low bids pending award for Federal, State, County, Municipal and private work. One copy shall be filed with the Awarding Authority and 2 copies with the IDOT District Office.
3. All proposals must be accompanied by a proposal guaranty as provided in BLRS Special Provision for Bidding Requirements and Conditions for Contract Proposals contained in the "Supplemental Specifications and Recurring Special Provisions".
4. The Awarding Authority reserves the right to waive technicalities and to reject any or all proposals as provided in BLRS Special Provision for Bidding Requirements and Conditions for Contract Proposals contained in the "Supplemental Specifications and Recurring Special Provisions".
5. Bidders need not return the entire contract proposal when bids are submitted unless otherwise required. Portions of the proposal that must be returned include the following:
 - a. BLR 12210 - Contract Cover
 - b. BLR 12220 - Notice to Bidders
 - c. BLR 12221 - Contract Proposal
 - d. BLR 12222 - Contract Schedule of Prices
 - e. BLR 12223 - Signatures
 - f. BLR 12230 - Proposal Bid Bond (if applicable)
 - ~~g. BLR 12325 - Apprenticeship or Training Program~~
 - ~~Certification (do not use for federally funded projects)~~
6. The quantities appearing in the bid schedule are approximate and are prepared for the comparison of bids. Payment to the Contractor will be made only for the actual quantities of work performed and accepted or materials furnished according to the contract. The scheduled quantities of work to be done and materials to be furnished may be increased, decreased or omitted as hereinafter provided.

7. Submission of a bid shall be conclusive assurance and warranty the bidder has examined the plans and understands all requirements for the performance of work. The bidder will be responsible for all errors in the proposal resulting from failure or neglect to conduct an in depth examination. The Awarding Authority will, in no case be responsible for any costs, expenses, losses or changes in anticipated profits resulting from such failure or neglect of the bidder.
8. The bidder shall take no advantage of any error or omission in the proposal and advertised contract.
9. If a special envelope is supplied by the Awarding Authority, each proposal should be submitted in that envelope furnished by the Awarding Agency and the blank spaces on the envelope shall be filled in correctly to clearly indicate its contents. When an envelope other than the special one furnished by the Awarding Authority is used, it shall be marked to clearly indicate its contents. When sent by mail, the sealed proposal shall be addressed to the Awarding Authority at the address and in care of the official in whose office the bids are to be received. All proposals shall be filed prior to the time and at the place specified in the Notice to Bidders. Proposals received after the time specified will be returned to the bidder unopened.
10. Permission will be given to a bidder to withdraw a proposal if the bidder makes the request in writing or in person before the time for opening proposals.

By Order of

Village of Indian Head Park

(Awarding Authority)

Joseph Consolo

County Engineer/County Superintendent of Highways/Municipal Clerk

Note: All proposal documents, including Proposal Guaranty Checks or Proposal Bid Bonds, should be stapled together to prevent loss when bids are processed.

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Tab 1

Prevailing Wage Rates

Tab 2

Proposal

Schedule of Prices

Signatures

Performance Reference Form

Bid Bond

Tab 3

Business Enterprise Program Forms

GENERAL PROVISIONS

The general requirements of the contract shall be in accordance with Section 100 of the "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" adopted by the Illinois Department of Transportation January 1, 2012, except as amended below.

DEFINITIONS

The term "VILLAGE" whenever used in the contract documents shall be construed to mean the Village of Indian Head Park, Cook County, Illinois.

The term "ENGINEER" whenever used in the contract documents shall be construed to mean the Village Engineer of the Village of Indian Head Park or the appointed representative.

The term "BIDDER" whenever used in the contract documents shall be construed to mean any person or firm submitting a bid to the VILLAGE or its appointed representative.

The term "CONTRACTOR" whenever used in the contract documents shall be construed to mean any person or firm having a contract with the VILLAGE for the work so specified or its appointed representative.

The term "STANDARD SPECIFICATIONS" whenever used in this document shall be construed to mean the "Standard Specifications for Road and Bridge Construction", adopted January 1, 2012 and "Supplemental Specifications and Recurring Special Provisions", adopted January 1, 2013, as amended; the "Standard Specifications for Traffic Control Items"; and the latest edition of the "Illinois Manual on Uniform Traffic Control Devices for Streets and Highways" and the "Manual of Test Procedure of Materials" in effect; all issued by the State of Illinois, Department of Transportation.

The term "WATER AND SEWER SPECIFICATIONS" whenever used in this document shall be construed to mean the "Standard Specifications for Water and Sewer Main Construction in Illinois", Sixth Edition, adopted July 2009, available from the Associated General Contractors of Illinois or the Illinois Society of Professional Engineers.

PREPARATION OF BID

The BIDDER shall prepare proposal on the attached proposal forms furnished by the VILLAGE. Do not detach any portion of this document. Invalidation could result.

All blank spaces on the proposal page or pages, applicable to the subject specification, must be correctly completed in ink or type written. All signatures must be completed in ink.

The total bid amount is to be shown in both words and figures where indicated. In case of a discrepancy between words and figures, the words shall prevail, unless it clearly appears in the VILLAGE'S opinion that the words rather than the figures are in error. BIDDERS are warned against making any erasures or alterations of any kind, and Proposals which

contain omissions, erasures, conditions, alterations, or additions not called for may be rejected.

If BIDDER is a corporation, the President and Secretary shall execute the bid and the corporate seal shall be affixed. In the event this bid is executed by other than the President, attach hereto a certified copy of that section of corporate by-laws or other authorization by the corporation which permits the person to execute the offer for the corporation.

If BIDDER is a partnership, all partners shall execute the bid, unless one partner has been authorized to sign for the partnership, in which case, evidence of such authority satisfactory to the Mayor shall be submitted.

SITE INVESTIGATION AND CONDITIONS AFFECTING THE WORK

The BIDDER acknowledges that it has taken steps reasonably necessary to ascertain the nature and location of the work, and that it has investigated and satisfied itself as to the general and local conditions which can affect the work or its costs, including but not limited to (1) conditions bearing upon transportation, disposal, handling and storage of materials; (2) the availability of labor, water, electric power and roads; (3) uncertainties of weather, river stages, tides, or similar physical conditions at the site; (4) the conformation and conditions of the ground; and (5) the character of equipment and facilities needed preliminary to and during work performance. The BIDDER also acknowledges that it has satisfied itself as to the character, quality and quantity of surface and subsurface materials or obstacles to be encountered insofar as this information is reasonably ascertainable from an inspection of the site, including all exploratory work done, if any, as well as from the drawings and specifications made a part of the bidding documents. Any failure of the BIDDER to take the actions described and acknowledged in this paragraph will not relieve the BIDDER from responsibility for estimating properly the difficulty and cost of successfully performing the work, or for proceeding to successfully perform the work without additional expense to the VILLAGE.

Christopher B. Burke Engineering, Ltd. Assumes no responsibility for any conclusions or interpretations made by the BIDDER based on information made available by Christopher B. Burke Engineering, Ltd. or the VILLAGE of the project. Nor does the VILLAGE or Christopher B. Burke Engineering, Ltd. Assume responsibility for any understanding reached or representation made concerning conditions which can affect the work by any of its officers or agents before the acceptance of the bid offer and execution of the contract, unless that understanding or representation is expressly stated in the contract.

PREVAILING WAGES

The VILLAGE requires all construction CONTRACTORS bidding on VILLAGE projects to be governed by the Illinois Prevailing Wage Act as defined in Section 2 of the Prevailing Wage Act (820 ILCS 130/2). Prevailing wage rate updates can be obtained by calling the Illinois Department of Labor at (312) 793-2914, or writing to the Illinois Department of Labor at: 310 S. Michigan Avenue, 10th Floor, Chicago, Illinois 60604.

CERTIFIED PAYROLL REQUIREMENTS

Contractors and subcontractors must submit certified payroll records on a monthly basis to the Village of Indian Head Park, along with a statement affirming that such records are true and accurate, that the wages paid to each worker are not less than the required prevailing rate and that the contractor is aware that filing records he or she knows to be false in a Class B misdemeanor.

That certified payroll records must include for every worker employed on the public works project the name, address, telephone number, social security number, job classification, hourly wages paid in each pay period, number of hours worked each day, and starting and ending time of work each day. These certified payroll records are considered public records and public bodies must make these records available to the public under the Freedom of Information Act, with the exception of the employee's address, telephone number and social security number. Any contractor who fails to submit a certified payroll or knowingly files a false certified payroll is guilty of a Class B misdemeanor.

SPECIAL PROVISIONS
FOR
COCHISE DRIVE WATER MAIN REPLACEMENT PROJECT

CLARIFICATION OF CONTRACT DOCUMENTS

Any BIDDER in doubt as to the true meaning of any part of the contract documents shall address all questions to the ENGINEER before the bid opening.

CONTRACT TIME

The CONTRACTOR shall complete all contract work including punch list items prior to **JULY 12, 2013**.

If the CONTRACTOR fails to complete the work prior to the completion date stipulated in this specification, the CONTRACTOR shall be liable and shall pay to the Village liquidated damages in accordance the Article 108 of the STANDARD SPECIFICATIONS.

SPECIFICATIONS

The following Special Provisions supplement the STANDARD SPECIFICATIONS and WATER AND SEWER SPECIFICATIONS. These Special Provisions included herein apply to and govern the proposed improvement designated as **Cochise Drive Water Main Replacement Project**. The coordination of contract documents shall be in accordance with Article 105.05 of the STANDARD SPECIFICATIONS, except as modified herein:

Hierarchy of the Contract Documents		
Special Provisions	Hold over:	Plans, Standard Specifications for Water and Sewer Construction in Illinois, Recurring Special Provisions, Supplemental Specifications, Standard Specifications
Plans ^{1/,2/,3/}	Hold over:	Standard Specifications for Water and Sewer Construction in Illinois, Recurring Special Provisions, Supplemental Specifications, Standard Specifications
Standard Specifications for Water and Sewer Construction in Illinois	Hold over:	Recurring Special Provisions, Supplemental Specifications, Standard Specifications
Recurring Special Provisions	Hold over:	Supplemental Specifications, Standard Specifications
Supplemental Specifications	Hold over:	Standard Specifications

1/ Detail Plans hold over Highway Standards and Standard Drawings of the Standard Specifications for Water & Sewer Construction in Illinois

- 2/ Calculated dimensions hold over scaled dimensions.
- 3/ The Highway Standards indicated by the revision number listed in the Index of Standards on the plans shall hold over Highway Standards listed anywhere else.

REJECTION OF BIDS

The VILLAGE reserves the right to defer the award of the contract for a period not to exceed thirty (30) calendar days after the date bids are received, to accept or reject any and all proposals, to let the contract to any BIDDER which the VILLAGE in its sole discretion deems to be in the public interest and to waive technicalities.

CHANGE IN SCOPE OF WORK

The VILLAGE reserves the right to make additions to or deductions from this Contract due to budgetary constraints. The contract unit prices provided by the CONTRACTOR shall be maintained and no additional compensation will be allowed to the CONTRACTOR for an increase or decrease in quantities and or anticipated profits.

INSURANCE REQUIREMENTS

The CONTRACTOR shall follow Section 107 of the Illinois Department of Transportation Standard Specifications for Road and Bridge Construction. The insurance shall also name the Village of Indian Head Park and Christopher B. Burke Engineering, Ltd. as additional insured.

BUSINESS ENTERPRISE PROGRAM (BEP) UTILIZATION

Village Obligation. The Village, as a recipient of an Illinois Department of Commerce and Economic Opportunity Grant is required to take all necessary and reasonable steps to ensure nondiscrimination in the award and administration of contracts. Consequently the provisions of "The Business Enterprise Program Act for Minorities, Females, and Persons with Disabilities" (BEP)(30 ILCS 575) apply to this contract concerning the utilization of disadvantage business enterprises.

Goal to be achieved by the Contractor. The contract includes a specific Business Enterprise Program (BEP) utilization goal of **18%** (13% minority firms, 5% female firms) based on the availability of certified vendors to perform the anticipated work opportunities of this project.

The Contractor must demonstrate that he has either met the contract goals or that he has made a good faith effort to do so.

Certified Vendor/Subcontractor Locator Reference. Contractors may consult the CMS BEP Certified vendor directory at www.sell2.illinois.gov/bep/small_and_diverse_businesses.htm, as well as the directories of other certifying agencies, but subcontracting vendors must be certified by CMS as BEP vendors before the time of contract award.

Contractor Assurance. The contractor shall not discriminate on the basis of race, color, national origin, sexual orientation or sex in the performance of the contract requirement.

Failure by the Contractor to carry out these requirements is a material breach of this contract, which may result in the disqualification of the proposal or such other remedy, as the Village deems appropriate.

Calculating Certified Vendor Participation. The proposal shall include the work anticipated to be performed by all certified vendors and paid for upon satisfactory completion. Only the value of payments made for the work actually performed by certified BEP vendors is counted toward the goal. The counting guidelines are summarized below:

1. The value of the work actually performed by the certified vendor shall be counted towards the goal. The entire amount of the portion of the contract this performed by the certified vendor's, including supplies purchased or equipment leased by the BEP vendor shall be counted, except supplies purchased and equipment rented from the Contractor.
2. A joint venture shall count the portion of the total dollar value of the Contractor equal to the distinct, clearly defined portion of the work of the contract that the certified vendor performs with its forces toward the goal. A joint venture shall also count the dollar value of work subcontracted to other certified vendors. Work performed by the forces of a non-certified joint venture partner shall not be counted toward the goal.
3. When a certified vendor subcontracts part of the work to another firm the value of the subcontracted work shall be counted toward the contract goal only if the certified vendor's subcontractor is a certified vendor. Work that a certified vendor subcontracts to a non-certified vendor will not count towards the goal.
4. A Contractor shall count towards the goal 100% of its expenditures for materials and supplies required under the contract and obtained from a certified vendor manufacturer, regular dealer, or supplier.
5. A Contractor shall count towards the goal the following expenditures to certified vendors that are not manufactures, regular dealers, or suppliers:
 - a. The fees or commissions charged for providing a bona fide service, such as professional, technical, consultant or managerial services and assistance in the procurement of essential personnel, facilities, equipment, materials or supplies required for performance of the Contract provided that the fee or commission is determined by the Capital Development Board ("CDB") to be reasonable and not excessive as compared with fees customarily allowed for similar services.
 - b. The fees charged for delivery of materials and supplies required by the Contract (but not the cost of the materials and supplies themselves) when the

hauler, trucker, or delivery service is not also the manufacture of or a regular dealer in the materials, and supplies, provided that the fee is determined by the CDB to be reasonable and not excessive as compared with fees customarily allowed for similar services. The certified vendor trucking firm must be responsible for the management and supervision of the entire trucking operation for which it is responsible, and must itself own and operate at least one fully licensed, insured and operation truck used on the project.

- c. The fees or commissions charge for providing any bonds or insurance specifically required for the performance on the project, provide that the fee or commission is determined by the CDB to be reasonable and not excessive as compared with fees customarily allowed for similar services.
6. A Contractor shall count towards the goal only expenditures to firms that perform a commercially useful function in the work of the Contract.
 - a. A firm is considered to perform a commercially useful function when it is responsible for execution of a distinct element of the work on the project and carries out its responsibilities by actually performing, managing, and supervising the work involved. The certified vendor must also be responsible, with respect to material or supplies used on the project, for negotiating price, determining quantity and quality, ordering the materials or supplies, and installing the materials (where applicable) and paying for the material or supplies. To determine whether a firm is performing a commercially useful function, the CDB shall evaluate the amount of work subcontracted, whether the amount the firm is to be paid under this plan is commensurate with the work it is actually performing and the credit claimed for its performance of the work, industry practices and other relevant factors.
 - b. A certified vendor does not perform a commercially useful function if its role is limited to that of an extra participant in a transaction through which funds are passed in order to obtain certified vendor participation. In determining whether a certified vendor is such an extra participant, the CDB shall examine similar transactions, particularly those in which certified vendors do not participate, and industry practices.
7. A Contractor shall not count towards the goal expenditures that are not direct, necessary and proximately related to the work of this plan. Only the amount of services or goods that are directly attributable to the performance of the scope of work shall be counted. Ineligible expenditures include general office overhead or other Contractor support activities.

MAINTENANCE OF EXISTING UTILITIES

The CONTRACTOR shall be responsible for interference with or damage to any existing utilities, such as water mains, sewers, gas mains, cable, conduit, etc., and shall repair or replace same at his own expense and with the least possible delay. The CONTRACTOR shall give prior notification to the utility companies of his intention to begin work. He shall also call J.U.L.I.E. at 1-800-892-0123 and the Village to mark the location of underground utilities.

The CONTRACTOR shall note that all representation of existing utilities within the Contract Documents is for informational purposes only and shall not be construed as being the exact location of the existing utilities or a complete accounting of all possible existing utilities. It shall be the CONTRACTOR'S responsibility to determine the actual location of all underground utility facilities. He shall also obtain from the respective utility companies detailed information relative to the location of their facilities and the working schedules of the utility companies for their marking of the exact locations. The CONTRACTOR shall coordinate construction activities with utility companies.

The CONTRACTOR shall be responsible to avoid to the satisfaction of the ENGINEER, or repair and/or replace to the satisfaction of the utility owner and at his own expense all utilities that have been interfered with or damaged, regardless of the represented location or lack of representation within the Contract Documents.

VANDALISM

Special attention is called to Article 107.30 of the STANDARD SPECIFICATIONS. Any defaced work shall be corrected or replaced by the CONTRACTOR at his sole expense prior to final payment. The VILLAGE shall cooperate with the CONTRACTOR to minimize vandalism, but the CONTRACTOR shall be ultimately responsible to correct any damage.

MAINTENANCE OF ROADWAYS

Beginning on the date that the CONTRACTOR begins work on this project, he shall assume responsibility for normal maintenance of all existing roadways within the limits of the improvement. This normal maintenance shall include all repair work deemed necessary by the VILLAGE, but shall not include snow removal operations. Traffic control and protection for this work will be provided by the CONTRACTOR as required by the VILLAGE.

The work involved in maintaining the existing pavement and the traffic control and protection required for this work shall be considered incidental to the contract.

STREET CLEANING

Special attention shall be paid to Section 107.15 of the STANDARD SPECIFICATIONS. If the CONTRACTOR fails to clean the pavement, sidewalk or parkways on or adjacent to the section under construction to the satisfaction of the VILLAGE at any time during the contract, the VILLAGE will notify the CONTRACTOR at which time the CONTRACTOR will

have 24 hours to respond. If the CONTRACTOR fails to respond within 24 hours an amount of \$500.00 per incident will be deducted from any monies due the CONTRACTOR.

SIGN RELOCATE

The CONTRACTOR shall remove and relocate all street signs located in or near the construction zone as directed by the VILLAGE. The CONTRACTOR shall be responsible for replacing at his expense any signs damaged during the course of construction and the operation of removing and relocating any signs. The removal and relocation of all existing signs within the construction limits shall not be paid for separately but shall be incidental to the contract.

PUBLIC CONVENIENCE AND SAFETY

In addition to the requirements of Article 107.09 of the STANDARD SPECIFICATIONS, the CONTRACTOR shall maintain entrances and side roads along the proposed improvement; interference with traffic movements and inconvenience to owners of abutting property and public shall be kept to a minimum. Any delays or inconveniences caused the CONTRACTOR by complying with these requirements shall be considered as incidental to the contract, and no additional compensation will be allowed.

The CONTRACTOR is to plan his work so that there will be no open holes in or directly adjacent to the pavement, sidewalks, or driveways, or as directed by the Engineer and that all barricades will be removed from the pavement during non-work hours.

During all construction operations, the CONTRACTOR will be required to provide, erect and maintain proper signage and barricades plus provide flagmen as necessary for safe traffic control.

All provisions relating to traffic control, signage, barricades and the use of flagmen shall be subject to the approval of the VILLAGE.

WATER SUPPLY AND USAGE

Any construction water to be used for the proposed improvements shall be coordinated with the Village of Indian Head Park.

TEMPORARY WATER SHUTDOWNS

The Village Water Department shall be notified at least two (2) working days in advance of any water shutdown. The VILLAGE will determine what residences will be affected by the shutdown and supply to the CONTRACTOR shut-off notice handouts and those areas to be notified. The CONTRACTOR shall be responsible for distributing handouts to affected residences. The turning of any valve other than those installed but not yet accepted by the Village shall be performed by water division personnel. Before the system is returned to service, a fire hydrant must be opened to relieve any air in the line and to flush the system. After the system is fully flushed, a representative from the Village will witness the

CONTRACTOR collect chlorine residual and bacteriological samples. Another sample will be collected after 24 hours.

MISCELLANEOUS SAW CUTTING

Wherever new work will meet existing conditions other than lawn areas, regardless of whether the new or existing work is asphalt or concrete, the existing adjacent sidewalk, driveways, pavement or curb shall be neatly saw cut. The saw cut shall be in a neat straight line sufficiently deep so that it renders a smooth vertical face to match to. This type of saw cutting shall be included in the cost of the work being performed.

CONTRACTOR'S GENERAL WARRANTY AND GUARANTEE

The CONTRACTOR shall provide a written guarantee and Maintenance/Warranty Bond for an amount not to be less than ten (10) percent of the final contract amount. The written guarantee and bond shall be in full force for a period of two (2) years after approval of the final payment on the contract. The conditions of the warranty and guarantee shall be as follows:

- A. CONTRACTOR warrants and guarantees to VILLAGE that all Work will be in accordance with the Contract Documents and will not be defective. ENGINEER and its officers, directors, members, partners, employees, agents, consultants, and subcontractors shall be entitled to rely on representation of CONTRACTOR'S warranty and guarantee.
- B. CONTRACTOR'S warranty and guarantee hereunder excludes defects or damage caused by:
 1. abuse, modification, or improper maintenance or operation by persons other than Contractor, Subcontractors, Suppliers, or any other individual or entity for whom Contractor is responsible; or
 2. normal wear and tear under normal usage.
- C. CONTRACTOR'S obligation to perform and complete the Work in accordance with the Contract Documents shall be absolute. None of the following will constitute an acceptance of Work that is not in accordance with the Contract Documents or a release of CONTRACTOR'S obligation to perform the Work in accordance with the Contract Documents:
 1. observations by ENGINEER;
 2. recommendation by ENGINEER or payment by VILLAGE of any progress or final payment;
 3. the issuance of a certificate of Substantial Completion by ENGINEER or any payment related thereto by VILLAGE;
 4. use or occupancy of the Work or any part thereof by VILLAGE;

5. any review and approval of a Shop Drawing or Sample submittal or the issuance of a notice of acceptability by ENGINEER;
6. any inspection, test, or approval by others; or
7. any correction of defective Work by VILLAGE.

The warranty and guarantee shall be included in the cost of the contract.

TRENCH BACKFILL

Description. The provisions of Section 208 of the STANDARD SPECIFICATIONS shall be modified such that backfill material shall be provided for all trenches made in the subgrade of the existing and proposed improvement, and all trenches where the inner edge of the trench is within two (2) feet of the existing or proposed edge of pavement, curb, gutter, curb and gutter, stabilized shoulder, entrance, or sidewalk and the material used for trench backfill shall be CA-7 coarse aggregate. The trench backfill shall be compacted only by Method 1 as defined in Article 550.07 of the STANDARD SPECIFICATIONS.

Method of Measurement. This work will not be measured separately but shall be included in the cost of the corresponding pay item.

Basis of Payment. This work will be NOT be paid for separately but shall be included in the cost of the corresponding pay item including; DUCTILE IRON WATERMAIN 8", WATER SERVICE LINE 1", FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX, WATER MAIN CASING, WATER VALVES 8", AND SANITARY SEWER SERVICE ADJUSTMENT.. This shall include all material, equipment, and labor necessary to place and compact the trench backfill as specified.

EXPLORATION TRENCH

Description. This item shall consist of excavating a trench to a maximum depth of 72" at the locations directed by the ENGINEER for the purpose of locating existing utility lines within the construction limits of the proposed improvement. This work shall conform to the requirements of Section 213 of the "STANDARD SPECIFICATIONS" except as herein modified.

The exploration trench shall be backfilled with trench backfill meeting the requirements of the "Standard Specifications", the cost of which shall be included in the item of Exploration Trench.

An estimated length of exploration trench has been shown in the summary of quantities to establish a unit price only, and payment shall be based on the actual length of trench explored without a change in unit price because of adjustment in plan quantities.

Method of Measurement and Basis of Payment. This work shall be paid for at the contract unit price per foot for EXPLORATION TRENCH, and no extra compensation will be allowed for any delays, inconveniences or damage sustained by the CONTRACTOR in performing the work. Backfilling of the exploration trench shall be included in the cost of EXPLORATION TRENCH.

SODDING

Description and Construction. The Contractor shall be responsible to restore all of the areas disturbed in the parkway which result from the construction operations in this contract. This work shall be performed in accordance with Sections 211, 250, 251 of the STANDARD SPECIFICATIONS, and as modified herein. Parkway restoration shall be done as soon as possible after the completion of the adjacent work. It shall include good quality pulverized topsoil, fertilizer, sod, and watering, and provide all labor, materials and equipment, as necessary.

The Contractor shall clean all portions of the parkway that contain any type of debris, stone, paving asphalt or residue, concrete mix, forms, trash or materials of any kind remaining or resulting from the contract construction operations in this contract.

In cases where residents have installed private watering systems and underground dog fences in the parkway and behind the sidewalk, the Contractor shall use extreme caution in the areas of the watering equipment and underground dog fences. The Contractor shall be responsible for communicating with the residents, via a notice, of the parkway operations and any and all lawn watering systems must be located. Any damage to the system will be the responsibility of the Contractor and must be repaired and reported to the homeowner immediately. No additional compensation will be made to the Contractor for this notification and repair work.

Soil erosion and sediment shall be controlled by the placement of sod as soon as possible after the completion of the adjacent work. The Contractor shall provide temporary seed to comply with the National Pollutant Discharge Elimination System Permit if the placement of sod cannot be promptly scheduled. The temporary seeding, removal, redressing, and final seeding of disturbed areas shall not be paid for separately, but considered incidental to the cost of parkway restoration. Parkway restoration shall be conducted as soon as the adjacent work is completed and throughout the project schedule and will not wait until an entire area or until the entire project is completed.

Topsoil Placement:

The Contractor shall not use excavated material, or other spoils to backfill behind the new curb and gutter. All excavations behind any newly poured curb and gutter segments, driveway pavements, sidewalks, depressions or disturbed areas shall be backfilled with a good quality pulverized topsoil immediately to avoid a potential hazard. No additional compensation shall be made for the depth of the fill materials required at locations included under this contract. Topsoil depth shall not be less than 4" compacted depth.

This material shall be thoroughly compacted by the contractor in two uniform lifts when placed, by mechanical and/or hand tamping methods to the satisfaction of the Engineer so that this material will not consolidate and settle later on, or present a safety hazard. It shall be neatly graded, struck level with the adjacent curb, sidewalk, driveway and/or parkway. Backfilling shall be completed within five (5) working days following the placement of the concrete curb, sidewalk, or driveway. Curb, sidewalk or driveway work will not be paid until backfilling is complete to the satisfaction of the Engineer.

Fertilizing, Sodding, Mulching, and Watering:

The area to be sodded shall be finished in accordance with Section 212 before sodding operations are begun. Parkway damage in excess of 4 feet beyond the adjacent work shall be the Contractors responsibility to repair and no additional compensation will be allowed.

Immediately prior, but not in excess of 24 hours before the sod is placed, the soil surface shall be worked until it is relatively free from debris, washes, gullies, clods, weeds and stones, and is in a satisfactory condition. The surface shall be worked to a depth of 3" with pulverized topsoil added as necessary to provide a neat and uniformly graded bed which will match flush with adjacent lawn and other physical features, to the satisfaction of the Engineer. Prepared surfaces that become crusted shall be reworked to an acceptable condition for seeding.

Fertilizer shall be applied in accordance with Article 250.04 of the STANDARD SPECIFICATIONS.

Sodding shall be completed in accordance with Article 252 of the STANDARD SPECIFICATIONS. The sodding shall be salt tolerant throughout the project.

Watering shall be performed within 48 hours after the sod has been placed. Water shall be placed at a rate of 3 gal/sq yd. Additional water shall be applied at the rate of the initial watering every other day for a total of 15 additional waterings.

During periods exceeding 80° F or subnormal rainfall, supplemental watering may be required after the initial and additional waterings. Supplemental watering shall be performed when directed by the Engineer. Water shall be applied at a rate specified by the Engineer within 24 hours of notice.

Method of Measurement. SODDING will be measured for payment in place, and the area computed in square yards.

Basis of Payment. This work will be paid for at the contract unit price per square yard for SODDING, which price shall include the required installation of topsoil, fertilizer, sodding as specified herein.

CLASS D PATCHES, 6 INCH

Description. This work shall consist of the removal of the existing pavement, the necessary excavation, disposal of excavated materials, and the replacement with a Hot-Mix Asphalt patch.

Construction Requirements. This work shall be completed in accordance with Section 442 of the Standard Specification, except as altered herein.

The four types, namely Type I, Type II, Type III, and Type IV have been combined under this pay item Class D Patches, 6 Inch.

The backfill for all trenches associated with work in this contract shall be sufficiently compacted in accordance with the Trench Backfill special provision.

Method of Measurement. Pavement removal and replacement of CLASS D PATCHES, 6 INCH will be measured for payment in place and the area computed in square yards. The maximum payable CLASS D PATCH, 6 INCH width shall be 5 feet. Any additional patching outside the allowable CLASS D PATCH, 6 INCH pay width shall not be measured for payment.

All saw cuts associated with the removal of pavement will not be measured for payment

Basis of Payment. This work will be paid for at the contract unit price per square yard for CLASS D PATCHES, 6 INCH. All saw cuts provided will not be paid for separately but shall be included in the cost of this item.

DUCTILE IRON WATER MAIN

This item shall be constructed in accordance with the applicable portions of Section 561 of the STANDARD SPECIFICATIONS and with the applicable portions of Section 41 of the WATER AND SEWER SPECIFICATIONS except as modified herein.

The water main and fittings shall be ductile cast iron, cement lined, with push-on joints, Class 52, of the size as designated in the plans, and shall conform to the latest ANSI/AWWA C151/A21.51-86, C111 and C104.

Wherever water is encountered in the trench, it shall be removed during pipe laying and jointing operations. Provisions shall be made to prevent floating of the pipe. Any dewatering of the trenches shall be considered incidental. At no time shall trench water be allowed to enter the water main. Water main shall be installed to provide a minimum of 5.5' of cover.

All types of pipe shall be handled in such a manner as to prevent damage to the pipe or coating. Accidental damage to the pipe or coating shall be repaired to the satisfaction of the ENGINEER, or be removed from the job, and the methods of handling shall be corrected to prevent further damage when called to the attention of the CONTRACTOR.

The pipe shall be inspected by the ENGINEER for defects while suspended above grade.

Dirt or other foreign material shall be prevented from entering the pipe or pipe joint during handling or laying operations, and any pipe or fitting that has been installed with dirt or foreign material therein shall be removed, cleaned and re-laid. At times when pipe laying is not in progress, the open ends of the pipe shall be closed by a watertight plug, or by other means subject to the review of the ENGINEER, to ensure absolute cleanliness inside the pipe. All cutting of existing water main pipe for the insertion of valves, tees or other fittings shall be performed without damage to the pipe or pipe lining, and so as to leave a smooth end at right angles to the axis of the pipe. Any damaged water main shall be re-cut and replaced by the CONTRACTOR at his sole expense.

Ductile iron pipe, pipe fittings and valve bodies, as well as cast iron valve boxes, shall be wrapped with polyethylene film, a minimum of 8 mils in thickness. The entire wrap on any pipe or fitting shall have a single seam secured by waterproof tape. Polyethylene shall overlap a minimum of 24 inches at seams. The wrap shall enclose the entire pipe or fitting and shall be secured to the adjoining pipe barrel by waterproof tape tightened securely around the juncture of the wrap and the pipe barrel. The CONTRACTOR shall re-wrap the water main at all service tap locations. All polyethylene wrapped ductile iron pipe, pipe fittings and valve bodies shall be inspected by the ENGINEER.

A canvas strap shall be used to lower the water main into the trench to avoid damaging the polyethylene film.

The first two joints beyond any bend shall be restrained with retainer glands. Also, any joint where the proposed water main ties into the existing water main shall be restrained with retainer glands. Retainer glands shall be TR-Flex or Field-Lok by U.S. Pipe, Mega Lugs by EBAA Iron, or an equal approved by the ENGINEER. Also all bends, crosses, and tees shall be additionally restrained with thrust blocks as shown on the details in the plans. The cost of retainer glands and thrust blocks shall be considered included in the cost of the ductile iron water main.

Basis of Payment. This work will be paid for at the contract unit price per foot for DUCTILE IRON WATERMAIN, of the diameter specified, measured in place. This price shall include the cost of all pipe, joint materials, retainer glands, thrust blocks, hydrostatic pressure tests, leakage tests, disinfecting of the water main, excavation, disposal of excavated material, and polyethylene wrapping. Excavation and backfill, with the exception of surface removal items listed specifically in the schedule of prices, will not be measured for payment but shall be considered as incidental to the contract unit price per linear foot of ductile iron pipe water main of the class and size specified. Granular Cradle (CA-7) from four inches (4") below the bottom of the pipe to twelve inches (12") above the top of the pipe will not be measured for payment but shall be considered as incidental to contract unit price per liner foot or ductile iron pipe water main of the class and size specified. Fittings such as tees, bends, reducers and plugs shall be considered incidental to the contract unit price per linear foot of ductile iron pipe water main of the class and size specified.

This item shall also include any and all items such as corporation stops (for testing), water pumps, gauges, meters and laboratory test costs, and all other items necessary to complete this work as specified.

PRESSURE TESTING OF WATER MAINS

After the pipe has been laid and partially backfilled as specified herein, all newly-laid pipe valved sections and fire hydrants, unless otherwise expressly specified, be subjected to a hydrostatic pressure of 150 psi at the lowest elevation of the pipe section. The ENGINEER shall be given 24 hours notice prior to the beginning of testing. The duration of each pressure test shall be not less than two hours. Water main testing shall be in accordance with the applicable portions of AWWA Standards C600 and C603, or as otherwise modified herein. If existing village valves are not adequate for testing against, the contractor shall be responsible for providing an adequate termination point to test against, at no additional cost to the Village.

Procedure for Test - The CONTRACTOR shall notify the OWNER at least twenty-four hours prior to the pressure test. Valves will be turned on only under the supervision of the OWNER, and the OWNER will witness all pressure testing.

Each section of pipe to be tested, as determined by the ENGINEER, shall be slowly filled with water and the specified test pressure shall be applied by means of a pump connected to the pipe in a satisfactory manner. The pump pipe connection and all necessary apparatus, including gauges and meters, shall be furnished by the CONTRACTOR. Before applying the specified test pressure, all air shall be expelled from the pipe. To accomplish this, taps shall be made, if necessary, at points of highest elevations and afterwards tightly plugged. Any cracked or defective pipes, fittings, valves, or hydrants discovered in consequence of this pressure test shall be removed and replaced by the CONTRACTOR with sound material, and test shall be repeated until satisfactory to the ENGINEER and the OWNER. The provisions of AWWA C600 and C603, where applicable, shall apply.

The pressure testing shall be accomplished with fire hydrant auxiliary valves open.

Leakage Test: After completion of the pressure test, a leakage test shall be conducted to determine the quantity of water lost by leakage under the specified test pressure.

1. Test pressure is defined as the maximum operating pressure of the section under test, and is based on the elevation of the lowest point in the line or section under test corrected to the elevation of the test gauge. Applicable provisions of AWWA C600 and C603 shall apply. The minimum duration of each leakage test shall be two (2) hour in addition to the pressure test period.
2. Allowable leakage in gallons per hour PVC water main shall not be greater than that determined by the following formula:

$$L = \frac{SD \sqrt{P}}{148,000}$$

Note: L = Allowable leakage in gallons per hour
S = Length of pipe tested in feet.
D = Nominal diameter of the pipe in inches.
P = Average test pressure during leakage test in pounds per square inch gauge.

3. Leakage is defined as the quantity of water to be supplied in the newly laid pipe or any valved section under test, which is necessary to maintain the specified leakage test pressure after the pipe has been filled with water and the air expelled.

Immediately after a passed test the pressure shall be drained through a fire hydrant until it is below the potable system pressure.

This work will not be paid for separately but shall not be included in the cost of DUCTILE IRON WATER MAIN 8".

DISINFECTION OF WATER MAINS

Disinfection of water mains shall be completed in accordance with Section 41-2.15 of the WATER AND SEWER SPECIFICATIONS except as modified in this Special Provision.

The OWNER shall be notified at least twenty-four hours before the disinfection procedure. Representatives of the water division must be present during the procedure.

A. Flushing

Sections of pipe to be disinfected shall first be flushed to remove any solids or contaminated material that may have become lodged in the pipe. If no hydrant is installed at the end of the main, then a tap should be provided large enough to develop a velocity of at least two and five-tenths (2.5) feet per second in the main. One two and one-half (2 1/2) inch hydrant opening will, under normal pressures, provide this velocity in pipe sized up to and including twelve (12) inches.

All taps required for chlorination or flushing purposes, or for temporary or permanent release of air, shall be provided for by the CONTRACTOR as part of the construction of water mains.

B. Requirement of Chlorine

A free chlorine residual of at least 50 ppm and no more than 400 ppm must be reached throughout the entire length and branch lines of the water main. After the super-chlorinated water has sat in the main for twenty-four hours, a chlorine residual test shall be taken to insure the residual is not less than 25 mg/L.

C. Form of Applied Chlorine

Chlorine shall be applied by the method which follows, subject to the review of the ENGINEER.

Chlorination shall be made by the use of chlorine gas only. The dry gas shall be fed directly through proper devices for regulating the rate of flow and providing effective diffusion of the gas into the water within the pipe being treated. Chlorinating devices for feeding the chlorine gas must provide means for preventing the backflow of water into the chlorine. The chlorine gas shall be injected into the main at intervals of no more than 1,000 feet.

D. Point of Application

The preferred point of application of the chlorine gas is at the beginning of the pipe line extension or any valved section of it, and through a corporation stop inserted in the pipe. The water injector for delivering the chlorine-bearing water into the pipe should be supplied from a tap made on the pressure side of the gate valve controlling the flow into the pipe line extension. Alternate points of application may be used subject to the review of the ENGINEER.

E. Preventing Reverse Flow

Valves shall be manipulated so that the strong chlorine solution in the line being treated will not flow back into the line supplying the water. Check valves may be used if desired.

F. Retention Period

Treated water shall be retained in the pipe at least twenty-four (24) hours. After this period, the chlorine residual at pipe extremities and at other representative points shall be at least twenty-five (25) mg/l.

G. Chlorinating Valves and Hydrants

In the process of chlorinating newly laid pipe, all valves or other appurtenances shall be operated while the pipe line is filled with the chlorinating agent and under normal operating pressure.

H. Final Flushing and Testing

Following chlorination, all treated water shall be thoroughly flushed from the newly laid pipe at its extremity until the replacement water throughout its entire length shows, upon test, a chlorine residual of less than one (1) mg/l. In the event chlorine is normally used in the source of supply, then the test shall show a residual of not in excess of that carried in the system.

At this time a water sample will be taken by the CONTRACTOR or his representative and sent to a state-certified water lab of his choice. Also at this time the OWNER will witness the sampling. The CONTRACTOR shall take two (2) samples, 24 hours apart with satisfactory results or the procedure shall be repeated.

I. Repetition of Flushing and Testing

Should the initial treatment result in an unsatisfactory bacterial test, the original chlorination procedure shall be repeated by the CONTRACTOR until satisfactory results are obtained. After water main passes chlorination testing, the corporation stop used to chlorinate the main shall be shut off and any piping removed. After the main has passed 2 consecutive bacterial tests, the Village shall contact the IEPA in order to obtain an operating permit. The contractor shall not tap any mains for service installation until an operating permit is obtained.

This work will not be paid for separately but shall not be included in the cost of DUCTILE IRON WATER MAIN 8".

WATER VALVES

Water valves shall be of the gate valve type suitable for ordinary water-works service, intended to be installed in a normal position on buried pipe lines for water distribution systems.

As a minimum, all gate valves shall, in design, material and workmanship, conform to the standards of the latest AWWA C500, AWWA C509 and AWWA C515. All materials used in the manufacture of waterworks gate valves shall conform to the AWWA standards designed for each material listed.

Materials

1. Manufacturer and Marking - The gate valves shall be standard pattern and shall have the name or mark of the manufacturer, size and working pressure plainly cast in raised letters on the valve body. Gate valves shall be Mueller A-2360-20 Resilient Wedge Gate Valves or equal approved by the OWNER.
2. Type and Mounting - The valve bodies shall be cast iron, mounted with approved non-corrosive metals. All wearing surfaces shall be bronze or other approved non-corrosive material and there shall be no moving bearing or contact surfaces of iron in contact with iron. Contact surfaces shall be machined and finished in the best workmanlike manner, and all wearing surfaces shall be easily renewable. All trim bolts shall be 300 series stainless steel.

The resilient-seated disc wedge shall be of the resilient wedge fully-supported type. Solid guide lugs shall travel within channels in the body of the valve. The disc and guide lugs shall be fully (100%) encapsulated in SBR (styrene butadiene) rubber.

Disc wedges that are not 100% fully encapsulated shall not be acceptable. Guide caps of an acetal copolymer bearing material shall be provided to protect the rubber-encapsulated solid guide lugs from abrasion for long life and ease of operation.

All internal and external exposed ferrous surfaces of the valve shall be coated with a fusion-bonded, thermosetting powder epoxy coating conforming to AWWA C550 and

certified to NSF 61. Coating shall be non-toxic and shall impart no taste to water. Coating thickness shall be nominal 10 mils.

The stem shall be of high tensile strength bronze or other approved non-corrosive metal, providing 70,000 PSI tensile strength with 15% elongation and a yield strength of 30,000 PSI. All nonferrous bushings shall be of substantial thickness, tightly fitted and pressed into machine seats. All valves shall open by turning to the left (counterclockwise), unless otherwise specified.

3. End Connections - End connections of gate valves shall consist of mechanical wedge type joints.

All gate valves are to be installed with cast iron valve boxes. The valve boxes shall be adjustable and shall be set to position during backfilling operations so they will be in a vertical alignment to the gate valve operating stem. The lower casting of the unit shall be installed using a valve box stabilizer as to be cushioned and to not rest directly upon the body of the gate valve or upon the water main. The upper casting of the unit shall then be placed in proper alignment to such an elevation that its top will be at final grade.

This work will be paid for at the contract unit price each for WATER VALVES, of the size specified. This price shall include the cost of all labor, materials and equipment necessary to install the gate valve with a valve box, as detailed in the plans and to the satisfaction of the ENGINEER. The valve box will not be paid for separately, but shall be considered incidental to the contract unit price per each WATER VALVE, of the size specified.

WATER MAIN FITTINGS

This work shall consist of furnishings and installing all tees, bends, crosses, reducers and retainer glands necessary to complete the water main installation as shown on the plans.

All fittings shall be ductile iron, mechanical joint in accordance with ANSI/AWWA C153/A21.53-00 and AWWA/ANSI C110/A 21.10-03 installed using Corten T-bolts and nuts. Fittings shall be cement-lined and seal coated in accordance with ANSI/AWWA C104/A21.4. The working pressure rating shall be 350 psi. All joints between the water main pipe and fitting shall be restrained using Mega Lugs by EBAA Iron or an approved equal.

All fittings shall be manufactured in the United States.

All installed fittings shall be inspected by the ENGINEER or the VILLAGE prior to backfilling. Any fitting backfilled prior to inspection and approval shall be excavated at the direction of the ENGINEER or VILLAGE. The cost of the excavation and replacement of backfill shall be at the CONTRACTOR'S expense.

Testing and disinfecting of fittings shall be as specified elsewhere herein.

This work will not be paid for separately but shall be included in the contract unit price per linear foot of DUCTILE IRON WATER MAIN, 8" of the class and size specified which price

shall be payment in full for all labor, equipment, and material, testing and disinfecting, to complete the work as specified herein.

WATER SERVICE LINE

This item consists of furnishing and installing new Type K copper water service lines, of the diameter specified from the new curb stop to the point of connection of the existing service line noted in the plans or as directed by the ENGINEER, in accordance with Section 562 of the STANDARD SPECIFICATIONS and Section 41-2.11 of the WATER AND SEWER SPECIFICATIONS.

The existing service lines are 1" or ¾" of varying material. The CONTRACTOR shall provide the proper couplings between copper and the varying material. All excavation, couplings, new copper water service line of the diameter specified, connections to both the existing service line, capping of any abandoned water service line, and curb stop will not be paid separately but shall be included in the contract unit price per EACH for WATER SERVICE LINE, of the diameter specified.

Method of Measurement and Basis of Payment. All excavation, trench backfill, couplings, new copper water service line of the diameter specified, connections to both the existing service line, capping of any abandoned water service line, the new curb stop, and corporation stop will not be paid separately but shall be included in the contract unit price per each for WATER SERVICE LINE, of the diameter specified.

CORPORATION STOPS

Description. This work shall consist of furnishing and installing corporation stops for new water service lines tapping to new and existing water mains, in accordance with Section 562 of the STANDARD SPECIFICATIONS and Section 41-2.13 of the WATER AND SEWER SPECIFICATIONS.

Materials. The corporation stops shall be Mueller H-15008 or an approved equal.

Measurement and Payment. This work shall not be paid for separately but shall be included in the cost of WATER SERVICE LINE of the diameter specified.

FIRE HYDRANTS TO BE REMOVED

Description. This work shall consist of the removal of existing fire hydrants, including auxiliary valves, and plugging and blocking of abandoned water main as indicated on the plans or required by the ENGINEER. The existing fire hydrants are not to be removed until after the new fire hydrants have been installed and satisfactorily tested. The fire hydrants to be removed shall become the property of the OWNER and shall be delivered to the Public Works Facility. The CONTRACTOR is to bag any existing or new fire hydrants that are not in use.

Method of Measurement and Basis of Payment. This work will be paid for at the contract unit price each for FIRE HYDRANTS TO BE REMOVED, which price shall be payment in

full for all labor, equipment, and material necessary to complete the work as specified herein.

FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX

Description. This work shall consist of furnishing new fire hydrants of the type and size specified herein below at the locations indicated on the plans or otherwise directed by the ENGINEER as detailed in the plans.

Materials. Hydrants shall be of the compression or gate type conforming to the latest specifications of the American Water Works Association, C502, and shall be Clow Eddy F-2640 or F-2641. Hydrants shall be designed for a 150 -pound working pressure. Hydrants shall be finished with two (2), 2.5" hose nozzles, and one (1) 5.25" steamer connection. Threads on nozzles and caps shall be national standard thread and shall conform to the standard adopted by the owner. Hydrants shall open by turning to the left or counter-clockwise and shall be so marked. All new fire hydrants furnished under this contract shall have traffic flange construction design with a break way flange and mechanism at the ground line.

Hydrants shall have a six-inch (6") pipe connection, shall be equipped with a (6") auxiliary valve, and shall have a five and one-quarter inch (5-1/4") valve opening. The auxiliary valve shall be attached to the hydrant by means of a 6" spool piece with wedge type mechanical joint couplings. The auxiliary valve shall be fitted with a cast iron valve box. An Adapter Inc. rubber valve box stabilizer or an approved equal shall be installed between the valve box and the auxiliary valve.

Installation. Hydrants shall be set at the locations indicated on the plans, and shall be such length that with the frost ring nearly at the ground level, there will be five and one-half feet (5.5') of cover over the connecting pipe and the height of the nut on the cap is 30" minimum above the ground. At least four feet (4') of cover will be provided across ditches. Hydrants shall be placed on poured concrete slab ready mix 3500 psi (or approved equal), and shall have a minimum of one-half cubic yard (1/2 cy.) of gravel or porous stone around the base to provide drainage for the hydrant drip. This shall include a filter fabric barrier between the gravel drain field and the earth cover. All hydrants shall be properly braced to prevent movement. Any mechanical joint glands required on any mechanical joint fittings necessary for the installation of the hydrants shall be retainer-type glands. All hydrants shall be placed so that the steamer connection is facing the existing roadway.

Basis of Payment. This work will be paid for at the contract unit price each for FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX, which price for all work as specified herein including required trench backfill, and shall include the six inch (6") diameter pipe between the auxiliary valve and the water main.

DOMESTIC WATER SERVICE BOXES TO BE REMOVED

This work shall consist of the removal of existing curb boxes and curb stops at the locations indicated on the plans or directed by the ENGINEER.

The existing water service line which is connected to an existing water main designated to Be abandoned may be removed or abandoned in place. The removed water service lines shall become the property of the CONTRACTOR.

This work will be paid for at the contract unit price each for DOMESTIC WATER SERVICE BOXES TO BE REMOVED, which price shall be payment in full for all labor, equipment, and material to complete the work as specified herein.

DOMESTIC WATER SERVICE BOX

Description. All domestic water services boxes shall be the Mueller H-10308 or approved equal. All curb stops shall be Mueller H-1503-2 and be provided a with concrete block base

The cast iron service box shall be installed over the curb stop and held in a truly vertical position until sufficient backfill has been placed to ensure permanent vertical alignment of the box. The top of the box shall be adjusted and set flush with the established ground surface grade. The service box shall be provided with a rod and a lid with a plug, Mueller part number 89980 or approved equal.

Measurement and Payment. Furnishing and installing curb stops, curb boxes, and any couplings and service line required to connect to the existing service shall not be paid for separately but shall be included in the cost of WATER SERVICE LINE of the diameter specified.

WATER MAIN CASING

This work shall consist of furnishings and installing water main casing pipe at locations designated on the plans or as directed by the ENGINEER.

The casing pipe shall be of sufficient size to freely accept and pass the proposed water main and shall be PVC (SDR 26). The ends of the casing shall be sealed with cement grout.

This work will be paid for at the contract unit price per foot of WATER MAIN CASING, which price shall include all labor, materials, and equipment necessary to complete this work.

TRAFFIC CONTROL AND PROTECTION

701.01 Description. This work shall be performed in accordance with Section 701 of the STANDARD SPECIFICATIONS, and any Highway Standards contained herein with the following clarifications.

Special attention is called to Articles 107.09 and 107.14 and the following Highway Standards relating to traffic control:

701006-03	Off- Rd Operations, 2L, 2W, (15') to (24") From Pavement Edge
701301-03	Lane Closure, 2L, 2W, Short Time Operations
701501-05	Urban Lane Closure 2-lane, 2-way, Undivided

701901-01 Traffic Control Devices

701.04 General. Add the following:

The CONTRACTOR shall make frequent inspections of the worksite. Any traffic control items that are worn, damaged or are inoperative to the extent that they no longer meet these specifications or that have been displaced shall be repaired or removed and replaced. Traffic control items shall be properly installed and operational 24 hours-a-day, 7 days a week. The CONTRACTOR shall respond to requests from the VILLAGE to correct traffic control deficiencies within 4 hours of the request. If specification is not met within 4 hours of notice, the VILLAGE will take whatever action it may deem necessary to bring the traffic control within specification and deduct all costs (actual and incurred) from amounts due the CONTRACTOR.

The CONTRACTOR shall maintain at least one lane of traffic for local and emergency use at all times. Entrances to driveways and side roads shall also be restored at the close of each day. All areas of open cut within the limits of roads, side roads, and driveways shall be restored utilizing temporary aggregate, with a CA-6 gradation, to insure that surfaces are flush to adjacent existing pavement and the temporary aggregate shall be maintained until the final pavement restoration has been completed. The work associated with supplying, installing, maintaining, and removing the temporary aggregate will not be paid for separately but shall be included in the cost of TRAFFIC CONTROL AND PROTECTION.

All signs except those referring to daily lane closures shall be post mounted in accordance with Standard 702001.

Temporary Stop signs shall be included in the cost of this item and not paid for separately.

701.19 Method of Measurement. Add the following: No compensation for any delays that may be caused the CONTRACTOR in complying with this special provision shall be made.

701.20 Basis of Payment. This work shall be paid for at the contract lump sum price for TRAFFIC CONTROL AND PROTECTION, less monies deducted for non-compliance with Section 701.

TRAFFIC CONTROL DEFICIENCY DEDUCTION

To ensure a prompt response to incidents involving the integrity of the work zone traffic control devices, the CONTRACTOR shall provide a telephone number where a responsible individual can be contacted on a 24-hour-a-day basis. When the ENGINEER is notified or determines a deficiency exists, (s)he shall be the sole judge as to whether the deficiency is an immediate safety hazard. The CONTRACTOR shall dispatch sufficient resources within 4 hours of notification to make needed corrections of deficiencies that constitute an immediate safety hazard. Other deficiencies shall be corrected within 12 hours. If the CONTRACTOR fails to restore the required traffic control and protection within the time limits specified above, the CONTRACTOR will not be paid for that day of Traffic Control and Protection. In addition, if the CONTRACTOR fails to respond, the ENGINEER may correct the deficiencies and the cost thereof will be deducted from monies due or which may

become due to the CONTRACTOR. This corrective action will in no way relieve the CONTRACTOR of his/her contractual requirements or responsibilities.

CONSTRUCTION LAYOUT

The CONTRACTOR shall be required to furnish and place construction layout stakes for this project. The ENGINEER will provide adequate reference points to the centerline of survey and benchmarks as shown in the plans. Any additional control points set by the ENGINEER will be identified in the field to the CONTRACTOR and all field notes will be kept in the office of the ENGINEER.

The CONTRACTOR shall provide field forces, equipment and material to set all additional stakes for this project, which are needed to establish offset stakes, reference points, and any other horizontal or vertical controls, including supplementary benchmarks, necessary to secure a correct layout of the work. Stakes for line and grade shall be set at sufficient station intervals (not to exceed 15 m (50 ft.)) to assure substantial conformance to plan line and grade. The CONTRACTOR will not be required to set additional stakes to locate a utility line which is not included as a pay item in the contract nor to determine property lines between private properties.

The CONTRACTOR shall be responsible for having the finished work substantially conform to the lines, grades, elevations and dimensions called for in the plans. Any inspection of checking of the CONTRACTOR'S layout by the ENGINEER and the acceptance of all or any part of it shall not relieve the CONTRACTOR of his/her responsibility to secure the proper dimension, grades and elevations of the several parts of the work. The CONTRACTOR shall exercise care in the preservation of stakes and benchmarks and shall have them reset at his/her expense when any are damaged, lost, displaced or removed or otherwise obliterated.

Responsibility of the ENGINEER

- a. The ENGINEER will provide all necessary information for the CONTRACTOR to locate and reference the centerline of all roads.

The necessary information for locating and referencing the centerline of survey will consist of providing coordinates and station and offset to the original survey control points in order to establish and reference the control points of the centerline of surveys such as PC's, PT's and as many POT's as are necessary to provide a line of sight.

- b. Benchmarks will be established along the project outside of the construction lines not exceeding 300 m (1,000 ft.) intervals horizontally and 6 m (20 ft.) vertically.
- c. Control Points for (a) and (b) above will be identified in the field to the CONTRACTOR.
- d. The ENGINEER will make random checks of the CONTRACTOR'S staking to determine if the work is in substantial conformance with the plans. Where the

CONTRACTOR'S work will tie into work that is being or will be done by others, checks will be made to determine if the work is in conformance with the proposed overall grade and horizontal alignment.

- e. The ENGINEER will set all stakes for utility adjustment for building fences along the right of way line by parties other than the CONTRACTOR.
- f. The ENGINEER will make all arrangements and take all cross sections from which the various pay items are to be measured.
- g. Where the CONTRACTOR, in setting construction stakes, discovers discrepancies, the ENGINEER will check to determine their nature and make whatever revisions are necessary in the plans, including the re-cross sectioning of the area involved. Any additional restaking required by the ENGINEER will be the responsibility of the CONTRACTOR. The additional restaking done by the CONTRACTOR will be paid for in accordance with 109.04 of the STANDARD SPECIFICATIONS.
- h. The ENGINEER will accept responsibility for the accuracy of the initial control points as provided herein.
- i. It is not the responsibility of the ENGINEER, except as provided herein, to check the correctness of the CONTRACTOR'S stakes; however, any errors that are apparent will be immediately called to the CONTRACTOR'S attention and s(he) shall be required to make the necessary correction before the stakes are used for construction purposes.
- j. Where the plan quantities for excavation are to be used as the final pay quantities, the ENGINEER will make sufficient checks to determine if the work has been completed in substantial conformance with the plan cross sections.

Responsibility of the CONTRACTOR

- a. The CONTRACTOR shall establish from the given survey points and benchmarks all the control points necessary to construct the individual project elements. S(he) shall provide the ENGINEER adequate control in close proximity to each individual element to allow adequate checking of construction operations. This includes, but is not limited to, line and grade stakes, line and grade nails in form work, and/or filed or etched marks in substantially completed construction work.

It is the CONTRACTOR'S responsibility to tie in centerline control points in order to preserve them during construction operations.

- b. At the completion of the grading operations, the CONTRACTOR will be required to set stakes at 30 m (100 ft.) station intervals along each profile grade line. These stakes will be used for final cross sectioning by the ENGINEER.
- c. All work shall be in accordance with normally accepted self-checking surveying practices. Field notes shall be kept in standard survey field notebooks and those

books shall become the property of the ENGINEER at the completion of the project. All notes shall be neat, orderly and in accepted form.

- d. For highway structure staking, the CONTRACTOR shall use diligent care and appropriate accuracy. Points shall be positioned to allow reuse throughout the construction accuracy. Prior to the beginning of construction activities, all structure centerlines and pier lines are to be established by the CONTRACTOR and checked by the engineer. The CONTRACTOR shall provide a detailed structure layout showing span dimensions, staking lines and offset distances.

Measurement and Payment: This work will be paid for at the contract lump sum price for CONSTRUCTION LAYOUT, which shall be payment in full for all labor, materials, transportation, and incidentals necessary to furnish, install, maintain, replace, and relocate all control and stationing points for the duration of the project.

HMA DRIVEWAY REMOVAL AND REPLACEMENT

Description. This work shall consist of the removal and disposal of HMA driveway pavements in part or in their entirety, at locations shown on the plans or as directed by the ENGINEER, and the construction of new asphalt or PCC driveway pavement. This work shall be performed in accordance with Sections 301, 351, and 406 of the "Standard Specifications for Road and Bridge Construction," the details shown on the plans and as directed by the ENGINEER.

Construction Requirements. The CONTRACTOR shall remove existing driveways to the limits marked out by the ENGINEER. Full depth saw cutting to cleanly remove the portions of the driveway indicated for removal from the portions to remain shall be considered incidental to this item. Alternately, the CONTRACTOR may elect to remove additional portions of the driveway instead of sawcutting, but in any event the area approved for payment shall not exceed the area marked out by the ENGINEER.

The CONTRACTOR shall place and compact embankment, or excavate, in accordance with Sections 202 and 205 of the Standard Specifications in order to achieve the finished grades shown on the plans.

The proposed driveway pavement shall consist of:

- A) 3" Hot-Mix Asphalt Surface Course, Mix "C", N50, 6" Aggregate Base Course, Type B.

All sawcutting; excavation; embankment; and Aggregate Base Course shall be included in the cost of this item.

Method of Measurement and Basis of Payment. This work will be measured and paid for at the contract unit price per square yard HMA DRIVEWAY REMOVAL AND REPLACEMENT, which price shall be payment in full for constructing this item as specified, including all materials, labor and equipment.

WATER MAIN ABANDONMENT

This work shall consist of the removal of portions of the existing water main and/or valves and capping of the portions that are to remain in place. This work shall be performed at locations shown on the plans and/or subject to the review of the ENGINEER.

Excavation required for water main removal shall be performed in accordance with the applicable portion of the Special Provision "Ductile Iron Water Main" included herein. Water main removal shall end either at a joint or at a location where the existing pipe has been saw cut so as to provide a smooth, even surface so as to allow a watertight joint. After removal of the existing pipe, the integrity of that portion which is to remain in place shall be checked to insure that the pipe end has not been damaged. Additional removal required by non-compliance with this Special Provision will be performed at the CONTRACTOR'S expense and no additional compensation will be allowed. The existing water main shall be capped at all locations where removal is specified. Where the water main abandonment occurs at a connection to a water main that is to remain in service, the water main that is to remain in service shall be capped at the connection fitting or as directed by the ENGINEER. Short stubs with caps at existing water main that are to remain in service will not be allowed.

The valves that control the existing water distribution system may not be adequate to completely shut down the system and the CONTRACTOR should expect some residual pressure to be present when the mechanical cap is installed.

If the excavation required for the removal operation falls within a paved area (existing or proposed), it shall be backfilled with selected granular backfill. This work shall be performed in accordance with the applicable requirements of the Special Provision "Trench Backfill" included herein. TRENCH BACKFILL will not be measured for payment but shall be considered incidental to the contract unit price per each for water main removal. This work will be paid for at the contract unit price per each for WATER MAIN ABANDONMENT. This price shall include excavation, removal and disposal of water mains, valves and other associated materials, capping of existing water mains that remain in place, and backfill as herein specified.

RECORD DRAWINGS

The contractor shall maintain a record set of drawings on a daily basis. These drawings shall be available for review by the Engineer and Village at any time. The drawings shall show line and grade of the pipe and apparatuses as constructed. These drawings shall become the property of the Village at the completion of the project.

CONSTRUCTION DEBRIS

Add the following to the third paragraph of Article 202.03 of the Standard Specifications:

"The CONTRACTOR shall not conduct any generation, transportation, or recycling of construction or demolition debris, clean or general or uncontaminated soil generated during construction, remodeling, repair, and demolition of utilities, structures, and roads that is not

commingled with any waste, without the maintenance of documentation identifying the hauler, generator, place of origin of the debris or soil, the weight or volume of the debris or soil, and the location, owner, and operator of the facility where the debris or soil was transferred, disposed, recycled or treated. This documentation must be maintained by the CONTRACTOR for 3 years.

VALVE BOXES TO BE REMOVED

Description: This work shall consist of the contractor removing existing valve boxes shown on the plans.

Construction Requirements: The contractor shall remove all existing valve boxes located over abandoned valves as shown on the plans, and backfill those locations with CA-7 stone up to pavement or parkway grade. In areas where the valve box is located within the pavement the contractor shall remove only the top section of the box. All required excavation and backfill shall not be measured separately, but shall be considered incidental to VALVE BOXES TO BE REMOVED.

Method of Measurement and Basis for Payment: VALVE BOXES TO BE REMOVED shall be measure per EACH removal item.

SANITARY SEWER SERVICE ADJUSTMENT

Description: This work shall consist of adjusting a sanitary sewer service. The sanitary sewer service shall connect to the existing sanitary sewer main and be constructed to the limits of the water main conflict.

Materials: Sanitary sewer service pipe and fittings shall be PVC, SDR 26, having a minimum cell classification of 12454 per ASTM D1784 and meeting the requirements of ASTM D3034. The pipe joints and fittings shall be elastomeric seals meeting the requirements of ASTM D3212 and F 477. Connections to existing sanitary sewer main shall be made with a stainless steel tapping saddle. All sanitary sewer services shall be six (6) inches in diameter.

Construction: Installation of sanitary sewer service shall be accomplished to line and grade in the trench only after it has been dewatered and the foundation and/or bedding has been prepared in accordance with Section 20 of the Standard Specifications for Water and Sewer Construction in Illinois. Mud, silt, gravel and other foreign material shall be kept out of the pipe and off the jointing surface.

All pipe laid shall be retained in position so as to maintain alignment and joint closure until sufficient backfill has been completed to adequately hold the pipe in place. All pipe shall be laid to conform to the prescribed line and grade specified.

The pipe bedding shall be a minimum of four (4) inches in depth and shall be placed on a sound trench bottom. If unsuitable material is encountered in the trench bottom, the CONTRACTOR shall remove the unsuitable material until suitable material is encountered or as directed by the ENGINEER. All unsuitable material removed shall be replaced with the bedding material.

After the pipe has been laid to the specified line and grade, the CONTRACTOR shall place haunching material on each side of the installed pipe to a level equal to the spring line of the pipe. The CONTRACTOR shall verify that the pipe is adequately supported for the entire length of the installed pipe. Following the haunching of the pipe, the initial backfill shall be placed to a depth that is a minimum of 12 inches above the top of the installed pipe.

The bedding, haunching, and initial backfill material shall have a gradation that meets the minimum requirements of IDOT gradation CA-7.

Upon completion of the initial backfill, the remainder of the trench shall be backfilled to the natural line of finished surface as rapidly as the conditions will permit. The backfill material for trenches where the inner edge of the trench is within two (2) feet or in existing pavements, curb, gutter, or sidewalks shall meet the requirements of the TRENCH BACKFILL, Special Provision provided in these specifications.

All fittings shall be factory produced and shall be designed for installation on the pipe used. Fittings shall be of the same quality and material as the pipe used.

The maximum deflection permissible at any one (1) fitting shall not exceed 45 degrees. The maximum deflection of any combination of two adjacent fittings shall not exceed 45 degrees unless straight pipe of not less than two and one half (2-1/2) feet in length be installed between such adjacent fittings.

Sanitary sewer services connections shall be made to existing sewer main tees. If there is not an existing tee, the connection shall be made by machine made tap and a stainless steel tapping saddle.

Measurement and Payment: This work will be paid for at the contract unit price per foot for SANITARY SEWER SERVICE ADJUSTMENT which price shall include all pipe, fittings, excavation, removal and disposal of all excavated material, bedding, haunching and trench backfill materials, tapping saddles, and machine made taps.

Cook County Prevailing Wage for April 2013

(See explanation of column headings at bottom of wages)

Trade Name	RG	TYP	C	Base	FRMAN	M-F>8	OSA	OSH	H/W	Pensn	Vac	Trng
=====	==	===	=	=====	=====	=====	=====	=====	=====	=====	=====	=====
ASBESTOS ABT-GEN		ALL		36.200	36.700	1.5	1.5	2.0	12.78	9.020	0.000	0.500
ASBESTOS ABT-MEC		BLD		34.160	36.660	1.5	1.5	2.0	10.82	10.66	0.000	0.720
BOILERMAKER		BLD		43.450	47.360	2.0	2.0	2.0	6.970	14.66	0.000	0.350
BRICK MASON		BLD		40.680	44.750	1.5	1.5	2.0	9.550	12.00	0.000	0.970
CARPENTER		ALL		41.520	43.520	1.5	1.5	2.0	13.19	11.75	0.000	0.530
CEMENT MASON		ALL		42.350	44.350	2.0	1.5	2.0	11.21	11.40	0.000	0.320
CERAMIC TILE FNSHER		BLD		34.440	0.000	2.0	1.5	2.0	9.700	6.930	0.000	0.610
COMM. ELECT.		BLD		37.500	40.150	1.5	1.5	2.0	8.420	9.980	1.100	0.700
ELECTRIC PWR EQMT OP		ALL		43.350	48.350	1.5	1.5	2.0	10.38	13.50	0.000	0.430
ELECTRIC PWR GRNDMAN		ALL		33.810	48.350	1.5	1.5	2.0	8.090	10.53	0.000	0.330
ELECTRIC PWR LINEMAN		ALL		43.350	48.350	1.5	1.5	2.0	10.38	13.50	0.000	0.430
ELECTRICIAN		ALL		42.000	44.800	1.5	1.5	2.0	12.83	13.07	0.000	0.750
ELEVATOR CONSTRUCTOR		BLD		49.080	55.215	2.0	2.0	2.0	11.88	12.71	3.930	0.600
FENCE ERECTOR		ALL		33.740	35.740	1.5	1.5	2.0	12.61	10.18	0.000	0.250
GLAZIER		BLD		39.500	41.000	1.5	2.0	2.0	11.99	14.30	0.000	0.840
HT/FROST INSULATOR		BLD		45.550	48.050	1.5	1.5	2.0	10.82	11.86	0.000	0.720
IRON WORKER		ALL		40.750	42.750	2.0	2.0	2.0	13.20	19.09	0.000	0.350
LABORER		ALL		36.200	36.950	1.5	1.5	2.0	12.78	9.020	0.000	0.500
LATHER		ALL		41.520	43.520	1.5	1.5	2.0	13.19	11.75	0.000	0.530
MACHINIST		BLD		43.550	46.050	1.5	1.5	2.0	6.130	8.950	1.850	0.000
MARBLE FINISHERS		ALL		29.700	0.000	1.5	1.5	2.0	9.550	11.75	0.000	0.620
MARBLE MASON		BLD		39.880	43.870	1.5	1.5	2.0	9.550	11.75	0.000	0.730
MATERIAL TESTER I		ALL		26.200	0.000	1.5	1.5	2.0	12.78	9.020	0.000	0.500
MATERIALS TESTER II		ALL		31.200	0.000	1.5	1.5	2.0	12.78	9.020	0.000	0.500
MILLWRIGHT		ALL		41.520	43.520	1.5	1.5	2.0	13.19	11.75	0.000	0.530
OPERATING ENGINEER		BLD 1		45.100	49.100	2.0	2.0	2.0	15.70	10.55	1.900	1.250
OPERATING ENGINEER		BLD 2		43.800	49.100	2.0	2.0	2.0	15.70	10.55	1.900	1.250
OPERATING ENGINEER		BLD 3		41.250	49.100	2.0	2.0	2.0	15.70	10.55	1.900	1.250
OPERATING ENGINEER		BLD 4		39.500	49.100	2.0	2.0	2.0	15.70	10.55	1.900	1.250
OPERATING ENGINEER		BLD 5		48.850	49.100	2.0	2.0	2.0	15.70	10.55	1.900	1.250
OPERATING ENGINEER		BLD 6		46.100	49.100	2.0	2.0	2.0	15.70	10.55	1.900	1.250
OPERATING ENGINEER		BLD 7		48.100	49.100	2.0	2.0	2.0	15.70	10.55	1.900	1.250
OPERATING ENGINEER		FLT 1		51.300	51.300	1.5	1.5	2.0	11.70	8.050	1.900	1.150
OPERATING ENGINEER		FLT 2		49.800	51.300	1.5	1.5	2.0	11.70	8.050	1.900	1.150
OPERATING ENGINEER		FLT 3		44.350	51.300	1.5	1.5	2.0	11.70	8.050	1.900	1.150
OPERATING ENGINEER		FLT 4		36.850	51.300	1.5	1.5	2.0	11.70	8.050	1.900	1.150
OPERATING ENGINEER		HWY 1		43.300	47.300	1.5	1.5	2.0	15.70	10.55	1.900	1.250
OPERATING ENGINEER		HWY 2		42.750	47.300	1.5	1.5	2.0	15.70	10.55	1.900	1.250
OPERATING ENGINEER		HWY 3		40.700	47.300	1.5	1.5	2.0	15.70	10.55	1.900	1.250
OPERATING ENGINEER		HWY 4		39.300	47.300	1.5	1.5	2.0	15.70	10.55	1.900	1.250
OPERATING ENGINEER		HWY 5		38.100	47.300	1.5	1.5	2.0	15.70	10.55	1.900	1.250
OPERATING ENGINEER		HWY 6		46.300	47.300	1.5	1.5	2.0	15.70	10.55	1.900	1.250
OPERATING ENGINEER		HWY 7		44.300	47.300	1.5	1.5	2.0	15.70	10.55	1.900	1.250
ORNAMNTL IRON WORKER		ALL		41.800	44.300	2.0	2.0	2.0	12.86	15.81	0.000	0.550
PAINTER		ALL		40.000	44.750	1.5	1.5	1.5	9.750	11.10	0.000	0.770
PAINTER SIGNS		BLD		33.920	38.090	1.5	1.5	1.5	2.600	2.710	0.000	0.000
PILEDRIIVER		ALL		41.520	43.520	1.5	1.5	2.0	13.19	11.75	0.000	0.530
PIPEFITTER		BLD		45.050	48.050	1.5	1.5	2.0	8.460	14.85	0.000	1.780
PLASTERER		BLD		40.250	42.670	1.5	1.5	2.0	10.85	10.94	0.000	0.550
PLUMBER		BLD		45.000	47.000	1.5	1.5	2.0	12.53	10.06	0.000	0.880
ROOFER		BLD		38.350	41.350	1.5	1.5	2.0	8.280	8.770	0.000	0.430
SHEETMETAL WORKER		BLD		40.810	44.070	1.5	1.5	2.0	10.13	17.79	0.000	0.630

SIGN HANGER	BLD		30.210	30.710	1.5	1.5	2.0	4.850	3.030	0.000	0.000
SPRINKLER FITTER	BLD		49.200	51.200	1.5	1.5	2.0	10.25	8.350	0.000	0.450
STEEL ERECTOR	ALL		40.750	42.750	2.0	2.0	2.0	13.20	19.09	0.000	0.350
STONE MASON	BLD		40.680	44.750	1.5	1.5	2.0	9.550	12.00	0.000	0.970
TERRAZZO FINISHER	BLD		35.510	0.000	1.5	1.5	2.0	9.700	9.320	0.000	0.400
TERRAZZO MASON	BLD		39.370	42.370	1.5	1.5	2.0	9.700	10.66	0.000	0.550
TILE MASON	BLD		41.430	45.430	2.0	1.5	2.0	9.700	8.640	0.000	0.710
TRAFFIC SAFETY WRKR	HWY		28.250	29.850	1.5	1.5	2.0	4.896	4.175	0.000	0.000
TRUCK DRIVER	E	ALL 1	33.850	34.500	1.5	1.5	2.0	8.150	8.500	0.000	0.150
TRUCK DRIVER	E	ALL 2	34.100	34.500	1.5	1.5	2.0	8.150	8.500	0.000	0.150
TRUCK DRIVER	E	ALL 3	34.300	34.500	1.5	1.5	2.0	8.150	8.500	0.000	0.150
TRUCK DRIVER	E	ALL 4	34.500	34.500	1.5	1.5	2.0	8.150	8.500	0.000	0.150
TRUCK DRIVER	W	ALL 1	32.550	33.100	1.5	1.5	2.0	6.500	4.350	0.000	0.000
TRUCK DRIVER	W	ALL 2	32.700	33.100	1.5	1.5	2.0	6.500	4.350	0.000	0.000
TRUCK DRIVER	W	ALL 3	32.900	33.100	1.5	1.5	2.0	6.500	4.350	0.000	0.000
TRUCK DRIVER	W	ALL 4	33.100	33.100	1.5	1.5	2.0	6.500	4.350	0.000	0.000
TUCKPOINTER	BLD		40.950	41.950	1.5	1.5	2.0	8.180	10.82	0.000	0.940

Legend: RG (Region)

TYP (Trade Type - All, Highway, Building, Floating, Oil & Chip, Rivers)

C (Class)

Base (Base Wage Rate)

FRMAN (Foreman Rate)

M-F>8 (OT required for any hour greater than 8 worked each day, Mon through Fri.)

OSA (Overtime (OT) is required for every hour worked on Saturday)

OSH (Overtime is required for every hour worked on Sunday and Holidays)

H/W (Health & Welfare Insurance)

Pensn (Pension)

Vac (Vacation)

Trng (Training)

Explanations

COOK COUNTY

The following list is considered as those days for which holiday rates of wages for work performed apply: New Years Day, Memorial Day, Fourth of July, Labor Day, Thanksgiving Day, Christmas Day and Veterans Day in some classifications/counties. Generally, any of these holidays which fall on a Sunday is celebrated on the following Monday. This then makes work performed on that Monday payable at the appropriate overtime rate for holiday pay. Common practice in a given local may alter certain days of celebration. If in doubt, please check with IDOL.

TRUCK DRIVERS (WEST) - That part of the county West of Barrington Road.

EXPLANATION OF CLASSES

ASBESTOS - GENERAL - removal of asbestos material/mold and hazardous materials from any place in a building, including mechanical systems where those mechanical systems are to be removed. This includes the removal of asbestos materials/mold and hazardous materials from ductwork or pipes in a building when the building is to be demolished at the time or at some close future date.

ASBESTOS - MECHANICAL - removal of asbestos material from mechanical systems, such as pipes, ducts, and boilers, where the mechanical systems are to remain.

CERAMIC TILE FINISHER

The grouting, cleaning, and polishing of all classes of tile, whether for interior or exterior purposes, all burned, glazed or unglazed products; all composition materials, granite tiles, warning detectable tiles, cement tiles, epoxy composite materials, pavers, glass, mosaics, fiberglass, and all substitute materials, for tile made in tile-like units; all mixtures in tile like form of cement, metals, and other materials that are for and intended for use as a finished floor surface, stair treads, promenade roofs, walks, walls, ceilings, swimming pools, and all other places where tile is to form a finished interior or exterior. The mixing of all setting mortars including but not limited to thin-set mortars, epoxies, wall mud, and any other sand and cement mixtures or adhesives when used in the preparation, installation, repair, or maintenance of tile and/or similar materials. The handling and unloading of all sand, cement, lime, tile, fixtures, equipment, adhesives, or any other materials to be used in the preparation, installation, repair, or maintenance of tile and/or similar materials. Ceramic Tile Finishers shall fill all joints and voids regardless of method on all tile work, particularly and especially after installation of said tile work. Application of any and all protective coverings to all types of tile installations including, but not be limited to, all soap compounds, paper products, tapes, and all polyethylene coverings, plywood, masonite, cardboard, and any new type of products that may be used to protect tile installations, Blastrac equipment, and all floor scarifying equipment used in preparing floors to receive tile. The clean up and removal of all waste and materials. All demolition of existing tile floors and walls to be re-tiled.

COMMUNICATIONS ELECTRICIAN

Installation, operation, inspection, maintenance, repair and service of radio, television, recording, voice sound vision production and reproduction, telephone and telephone interconnect, facsimile, data apparatus, coaxial, fibre optic and wireless equipment, appliances and systems used for the transmission and reception of signals of any nature, business, domestic, commercial, education, entertainment, and residential purposes, including but not limited to, communication and telephone, electronic and sound equipment, fibre optic and data communication systems, and the performance of any task directly related to such installation or service whether at new or existing sites, such tasks to include the placing of wire and cable and electrical power conduit or other raceway work within the equipment room and pulling wire and/or cable through conduit and the installation of any incidental conduit, such that the employees covered hereby can complete any job in full.

MARBLE FINISHER

Loading and unloading trucks, distribution of all materials (all stone, sand, etc.), stocking of floors with material, performing all rigging for heavy work, the handling of all material that may be needed for the installation of such materials, building of scaffolding, polishing if needed, patching, waxing of material if damaged, pointing up, caulking, grouting and cleaning of marble, holding water on diamond or Carborundum blade or saw for setters cutting, use of tub saw or any other saw needed for preparation of material, drilling of holes for wires that anchor material set by setters, mixing up of molding plaster for installation of material, mixing up thin set for the installation of material, mixing up of sand to cement for the installation of material and such other work as may be required in helping a Marble Setter in the handling of all

material in the erection or installation of interior marble, slate, travertine, art marble, serpentine, alberene stone, blue stone, granite and other stones (meaning as to stone any foreign or domestic materials as are specified and used in building interiors and exteriors and customarily known as stone in the trade), carrara, sanionyx, vitrolite and similar opaque glass and the laying of all marble tile, terrazzo tile, slate tile and precast tile, steps, risers treads, base, or any other materials that may be used as substitutes for any of the aforementioned materials and which are used on interior and exterior which are installed in a similar manner.

MATERIAL TESTER I: Hand coring and drilling for testing of materials; field inspection of uncured concrete and asphalt.

MATERIAL TESTER II: Field inspection of welds, structural steel, fireproofing, masonry, soil, facade, reinforcing steel, formwork, cured concrete, and concrete and asphalt batch plants; adjusting proportions of bituminous mixtures.

OPERATING ENGINEER - BUILDING

Class 1. Asphalt Plant; Asphalt Spreader; Autograde; Backhoes with Caisson Attachment; Batch Plant; Benoto (requires Two Engineers); Boiler and Throttle Valve; Caisson Rigs; Central Redi-Mix Plant; Combination Back Hoe Front End-loader Machine; Compressor and Throttle Valve; Concrete Breaker (Truck Mounted); Concrete Conveyor; Concrete Conveyor (Truck Mounted); Concrete Paver Over 27E cu. ft; Concrete Paver 27E cu. ft. and Under; Concrete Placer; Concrete Placing Boom; Concrete Pump (Truck Mounted); Concrete Tower; Cranes, All; Cranes, Hammerhead; Cranes, (GCI and similar Type); Creter Crane; Crusher, Stone, etc.; Derricks, All; Derricks, Traveling; Formless Curb and Gutter Machine; Grader, Elevating; Grouting Machines; Highlift Shovels or Front Endloader 2-1/4 yd. and over; Hoists, Elevators, outside type rack and pinion and similar machines; Hoists, One, Two and Three Drum; Hoists, Two Tugger One Floor; Hydraulic Backhoes; Hydraulic Boom Trucks; Hydro Vac (and similar equipment); Locomotives, All; Motor Patrol; Lubrication Technician; Manipulators; Pile Drivers and Skid Rig; Post Hole Digger; Pre-Stress Machine; Pump Cretes Dual Ram; Pump Cretes: Squeeze Cretes-Screw Type Pumps; Gypsum Bulker and Pump; Raised and Blind Hole Drill; Roto Mill Grinder; Scoops - Tractor Drawn; Slip-Form Paver; Straddle Buggies; Tournapull; Tractor with Boom and Side Boom; Trenching Machines.

Class 2. Boilers; Broom, All Power Propelled; Bulldozers; Concrete Mixer (Two Bag and Over); Conveyor, Portable; Forklift Trucks; Highlift Shovels or Front Endloaders under 2-1/4 yd.; Hoists, Automatic; Hoists, Inside Elevators; Hoists, Sewer Dragging Machine; Hoists, Tugger Single Drum; Rock Drill (Self-Propelled); Rock Drill (Truck Mounted); Rollers, All; Steam Generators; Tractors, All; Tractor Drawn Vibratory Roller; Winch Trucks with "A" Frame.

Class 3. Air Compressor; Combination Small Equipment Operator; Generators; Heaters, Mechanical; Hoists, Inside Elevators; Hydraulic Power Units (Pile Driving, Extracting, and Drilling); Pumps, over 3" (1 to 3 not to exceed a total of 300 ft.); Low Boys; Pumps, Well Points; Welding Machines (2 through 5); Winches, 4 Small Electric Drill Winches; Bobcats (up to and including 3/4 cu yd.) .

Class 4. Bobcats and/or other Skid Steer Loaders (other than bobcats up to and including 3/4 cu yd.); Oilers; and Brick Forklift.

Class 5. Assistant Craft Foreman.

Class 6. Gradall.

Class 7. Mechanics.

OPERATING ENGINEERS - HIGHWAY CONSTRUCTION

Class 1. Asphalt Plant; Asphalt Heater and Planer Combination; Asphalt Heater Scarfire; Asphalt Spreader; Autograder/GOMACO or other similar type machines: ABG Paver; Backhoes with Caisson Attachment; Ballast Regulator; Belt Loader; Caisson Rigs; Car Dumper; Central Redi-Mix Plant; Combination Backhoe Front Endloader Machine, (1 cu. yd. Backhoe Bucket or over or with attachments); Concrete Breaker (Truck Mounted); Concrete Conveyor; Concrete Paver over 27E cu. ft.; Concrete Placer; Concrete Tube Float; Cranes, all attachments; Cranes, Tower Cranes of all types: Creter Crane: Crusher, Stone, etc.; Derricks, All; Derrick Boats; Derricks, Traveling; Dowell Machine with Air Compressor; Dredges; Formless Curb and Gutter Machine; Grader, Elevating; Grader, Motor Grader, Motor Patrol, Auto Patrol, Form Grader, Pull Grader, Subgrader; Guard Rail Post Driver Truck Mounted; Hoists, One, Two and Three Drum; Hydraulic Backhoes; Backhoes with shear attachments; Lubrication Technician; Manipulators; Mucking Machine; Pile Drivers and Skid Rig; Pre-Stress Machine; Pump Cretes Dual Ram; Rock Drill - Crawler or Skid Rig; Rock Drill - Truck Mounted; Rock/Track Tamper; Roto Mill Grinder; Slip-Form Paver; Soil Test Drill Rig (Truck Mounted); Straddle Buggies; Hydraulic Telescoping Form (Tunnel); Tractor Drawn Belt Loader (with attached pusher - two engineers); Tractor with Boom; Tractaire with Attachments; Trenching Machine; Truck Mounted Concrete Pump with Boom; Raised or Blind Hole Drills (Tunnel Shaft); Underground Boring and/or Mining Machines 5 ft. in diameter and over tunnel, etc; Underground Boring and/or Mining Machines under 5 ft. in diameter; Wheel Excavator; Widener (APSCO).

Class 2. Batch Plant; Bituminous Mixer; Boiler and Throttle Valve; Bulldozers; Car Loader Trailing Conveyors; Combination Backhoe Front Endloader Machine (Less than 1 cu. yd. Backhoe Bucket or over or with attachments); Compressor and Throttle Valve; Compressor, Common Receiver (3); Concrete Breaker or Hydro Hammer; Concrete Grinding Machine; Concrete Mixer or Paver 7S Series to and including 27 cu. ft.; Concrete Spreader; Concrete Curing Machine, Burlap Machine, Belting Machine and Sealing Machine; Concrete Wheel Saw; Conveyor Muck Cars (Haglund or Similar Type); Drills, All; Finishing Machine - Concrete; Highlift Shovels or Front Endloader; Hoist - Sewer Dragging Machine; Hydraulic Boom Trucks (All Attachments); Hydro-Blaster; All Locomotives, Dinky; Off-Road Hauling Units (including articulating)/2 ton capacity or more; Non Self-Loading Ejection Dump; Pump Cretes: Squeeze Cretes - Screw Type Pumps, Gypsum Bulker and Pump; Roller, Asphalt; Rotary Snow Plows; Rototiller, Seaman, etc., self-propelled; Scoops - Tractor Drawn; Self-Propelled Compactor; Spreader - Chip - Stone, etc.; Scraper; Scraper - Prime Mover in Tandem (Regardless of Size); Tank Car Heater; Tractors, Push, Pulling Sheeps Foot, Disc, Compactor, etc.; Tug Boats.

Class 3. Boilers; Brooms, All Power Propelled; Cement Supply Tender; Compressor, Common Receiver (2); Concrete Mixer (Two Bag and Over); Conveyor, Portable; Farm-Type Tractors Used for Mowing, Seeding, etc.; Fireman on Boilers; Forklift Trucks; Grouting Machine; Hoists,

Automatic; Hoists, All Elevators; Hoists, Tugger Single Drum; Jeep Diggers; Low Boys; Pipe Jacking Machines; Post-Hole Digger; Power Saw, Concrete Power Driven; Pug Mills; Rollers, other than Asphalt; Seed and Straw Blower; Steam Generators; Stump Machine; Winch Trucks with "A" Frame; Work Boats; Tamper-Form-Motor Driven.

Class 4. Air Compressor; Combination - Small Equipment Operator; Directional Boring Machine; Generators; Heaters, Mechanical; Hydraulic Power Unit (Pile Driving, Extracting, or Drilling); Hydro- Blaster; Light Plants, All (1 through 5); Pumps, over 3" (1 to 3 not to exceed a total of 300 ft.); Pumps, Well Points; Tractaire; Welding Machines (2 through 5); Winches, 4 Small Electric Drill Winches.

Class 5. Bobcats (all); Brick Forklifts; Oilers.

Class 6. Field Mechanics and Field Welders

Class 7. Gradall and machines of like nature.

OPERATING ENGINEER - FLOATING

Class 1. Craft Foreman; Diver/Wet Tender; and Engineer (hydraulic dredge).

Class 2. Crane/Backhoe Operator; 70 Ton or over Tug Operator; Mechanic/Welder; Assistant Engineer (Hydraulic Dredge); Leverman (Hydraulic Dredge); Diver Tender; Friction and Lattice Boom Cranes.

Class 3. Deck Equipment Operator, Machineryman; Maintenance of Crane (over 50 ton capacity); Tug/Launch Operator; Loader/Dozer and like equipment on Barge; and Deck Machinery, etc.

Class 4. Deck Equipment Operator, Machineryman/Fireman (4 Equipment Units or More); Off Road Trucks (2 ton capacity or more); Deck Hand, Tug Engineer, Crane Maintenance 50 Ton Capacity and Under or Backhoe Weighing 115,000 pounds or less; and Assistant Tug Operator.

TERRAZZO FINISHER

The handling of sand, cement, marble chips, and all other materials that may be used by the Mosaic Terrazzo Mechanic, and the mixing, grinding, grouting, cleaning and sealing of all Marble, Mosaic, and Terrazzo work, floors, base, stairs, and wainscoting by hand or machine, and in addition, assisting and aiding Marble, Masonic, and Terrazzo Mechanics.

TRAFFIC SAFETY

Work associated with barricades, horses and drums used to reduce lane usage on highway work, the installation and removal of temporary lane markings, and the installation and removal of temporary road signs.

TRUCK DRIVER - BUILDING, HEAVY AND HIGHWAY CONSTRUCTION - EAST & WEST

Class 1. Two or three Axle Trucks. A-frame Truck when used for transportation purposes; Air Compressors and Welding Machines, including those pulled by cars, pick-up trucks and tractors; Ambulances; Batch Gate Lockers; Batch Hopperman; Car and Truck Washers; Carry-alls; Fork Lifts and Hoisters; Helpers; Mechanics Helpers and Greasers; Oil Distributors 2-man operation; Pavement Breakers; Pole Trailer, up to 40 feet; Power Mower Tractors;

Self-propelled Chip Spreader; Skipman; Slurry Trucks, 2-man operation; Slurry Truck Conveyor Operation, 2 or 3 man; Teamsters; Unskilled Dumpman; and Truck Drivers hauling warning lights, barricades, and portable toilets on the job site.

Class 2. Four axle trucks; Dump Crets and Adgetors under 7 yards; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turnapulls or Turnatrailers when pulling other than self-loading equipment or similar equipment under 16 cubic yards; Mixer Trucks under 7 yards; Ready-mix Plant Hopper Operator, and Winch Trucks, 2 Axles.

Class 3. Five axle trucks; Dump Crets and Adgetors 7 yards and over; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turnatrailers or turnapulls when pulling other than self-loading equipment or similar equipment over 16 cubic yards; Explosives and/or Fission Material Trucks; Mixer Trucks 7 yards or over; Mobile Cranes while in transit; Oil Distributors, 1-man operation; Pole Trailer, over 40 feet; Pole and Expandable Trailers hauling material over 50 feet long; Slurry trucks, 1-man operation; Winch trucks, 3 axles or more; Mechanic--Truck Welder and Truck Painter.

Class 4. Six axle trucks; Dual-purpose vehicles, such as mounted crane trucks with hoist and accessories; Foreman; Master Mechanic; Self-loading equipment like P.B. and trucks with scoops on the front.

Other Classifications of Work:

For definitions of classifications not otherwise set out, the Department generally has on file such definitions which are available. If a task to be performed is not subject to one of the classifications of pay set out, the Department will upon being contacted state which neighboring county has such a classification and provide such rate, such rate being deemed to exist by reference in this document. If no neighboring county rate applies to the task, the Department shall undertake a special determination, such special determination being then deemed to have existed under this determination. If a project requires these, or any classification not listed, please contact IDOL at 217-782-1710 for wage rates or clarifications.

LANDSCAPING

Landscaping work falls under the existing classifications for laborer, operating engineer and truck driver. The work performed by landscape plantsman and landscape laborer is covered by the existing classification of laborer. The work performed by landscape operators (regardless of equipment used or its size) is covered by the classifications of operating engineer. The work performed by landscape truck drivers (regardless of size of truck driven) is covered by the classifications of truck driver.

Proposal

RETURN WITH BID

Route Cochise Drive
County Cook
Local Agency Indian Head Park
Section _____

1. Proposal of UNO CONSTRUCTION Co. INC.
6037 BROOKBANK DOWNERS GROVE IL 60516

for the improvement of the above section by the construction of Water main installation, driveway removal and
replacement, pavement patching and landscape restoration

_____ a total distance of 3000 feet, of which a
distance of 3000 feet, (.57 miles) are to be improved.

2. The plans for the proposed work are those prepared by Christopher B. Burke Engineering, 1938 E. Lincoln Highway Suite 212, New Lenox, Illinois and approved by the Department of Transportation on N/A
3. The specifications referred to herein are those prepared by the Department of Transportation and designated as "Standard Specifications for Road and Bridge Construction" and the "Supplemental Specifications and Recurring Special Provisions" thereto, adopted and in effect on the date of invitation for bids.
4. The undersigned agrees to accept, as part of the contract, the applicable Special Provisions indicated on the "Check Sheet for Recurring Special Provisions" contained in this proposal.
5. The undersigned agrees to complete the work within NA Calendar days or July 19, 2013 unless additional time is granted in accordance with the specifications.
6. A proposal guaranty in the proper amount, as specified in BLRS Special Provision for Bidding Requirements and Conditions for contract Proposals, will be required. Bid Bonds ☒ will ☐ will not be allowed as proposal guaranties. Accompanying this proposal is either a bid bond if allowed, on Department form BLR 12230 or a proposal guaranty check, complying with the specifications, made payable to: Village of Dwight Clerk

the amount of the check is five percent (5%) (_____)

7. In the event that one proposal guaranty check is intended to cover two or more proposals, the amount must be equal to the sum of the proposal guaranties, which would be required for each individual proposal. If the proposal guaranty check is placed in another proposal, it will be found in the proposal for: Section Number _____
8. If this proposal is accepted and the undersigned fails to execute a contract and contract bond as required, it is hereby agreed that the Bid Bond or check shall be forfeited to the Awarding Authority.
9. Each pay item should have a unit price and a total price. If no total price is shown or if there is a discrepancy between the product of the unit price multiplied by the quantity, the unit price shall govern. If a unit price is omitted, the total price will be divided by the quantity in order to establish a unit price.
10. A bid will be declared unacceptable if neither a unit price nor a total price is shown.
11. The undersigned firm certifies that it has not been convicted of bribery or attempting to bribe an officer or employee of the State of Illinois, nor has the firm made an admission of guilt of such conduct which is a matter of record, nor has an official, agent, or employee of the firm committed bribery or attempted bribery on behalf of the firm and pursuant to the direction or authorization of a responsible official of the firm. The undersigned firm further certifies that it is not barred from contracting with any unit of State or local government as a result of a violation of State laws prohibiting bid-rigging or bid-rotating.
12. The undersigned submits herewith the schedule of prices on BLR 12222 covering the work to be performed under this contract.

ROUTE	Cochise Drive
COUNTY	Cook
LOCAL AGENCY	Indian Head Park

SCHEDULE OF PRICES

(For complete information covering these items, see plans and specifications.)

[illegible]

Signatures

RETURN WITH BID

Route Cochise Dr.
County Cook
Local Agency Indian Head Park
Section _____

(If an individual)

Signature of Bidder _____

Business Address _____

(If a partnership)

Firm Name _____

Signed By _____

Business Address _____

Insert
Names and
Addresses of
All Partners



(If a corporation)

Corporate Name UNO CONSTRUCTION CO., INC.

Signed By *[Signature]* President

Business Address 6037 BROOKBANK

DOWNS GROVE, IL 60516

Insert
Names of
Officers



President ALBERTO GARCIA

Secretary BLANCA GARCIA

Treasurer _____

Attest: *[Signature]* Secretary

PERFORMANCE REFERENCE FORM

Each BIDDER shall supply three (3) names, addresses, telephone numbers and names of persons to contact as performance references.

Company Name:.....: Village of Westchester

Address: 10300 W. ROOSEVELT RD.

City & State.....: WESTCHESTER, IL 60154

Telephone Number.....: 708-865-0300

Person To Contact.....: John Gutsch

Title/Position.....: Village Engineer

Company Name:.....: Town of Cicero

Address: 4949 W. CERMAK RD.

City & State.....: CICERO, IL 60804

Telephone Number.....: 630-887-8640

Person To Contact.....: TONY SARLEY

Title/Position.....: TOWN ENGINEER

Company Name:.....: Village of Melrose Park

Address: 1000 N. 25TH AVE.

City & State.....: Melrose Park, IL 60160

Telephone Number.....: 708-865-0300

Person To Contact.....: ED STOLINGA

Title/Position.....: Village Engineer

CONTRACTOR'S BUSINESS ENTERPRISE PROGRAM CERTIFICATION

Uno Construction Co. (The Contractor) submits the following plan as part of our proposal in accordance with the requirements of "The Business Enterprise Program Act for Minorities, Females, and Persons with Disabilities (ACT) (30 ILCS 575). We understand that compliance with this Act is a requirement of this contract.

Uno Construction Co. (The Contractor) makes the following assurance and agrees to include the assurance in each contract with a contractor, subcontractor, or supplier utilized on this plan: "We shall not discriminate on the basis of race, color, national origin, sexual orientation or sex in the performance of this contract. Failure to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy, as the Village deems appropriate."

Contractor's person responsible for compliance:

Name: ALBERTO GARCIA
Title: PRESIDENT
Telephone: 630-810-5740
Email: _____

We submit one (1) of the following statements:

- ☐ We are certified (or eligible and have applied to be certified) with BEP and plan to fully meet the BEP utilization goal through self performance.
- ☒ We attach Section I to demonstrate our Plan fully meets the BEP utilization goal of 18% through subcontracting.
- ☐ We attach Section I to detail that we do not fully meet the BEP utilization goal. We also attach Section II, Demonstration of Good Faith Efforts.

Alberto Garcia
Authorized Signature
ALBERTO GARCIA PRESIDENT

Date 4/4/13

Section I

Utilization of Certified Vendors

(Please submit a separate Section I for each proposed certified vendor)

To achieve the BEP utilization goal through contracting, the following is proposed:

1. The Proposed certified vendor's company name, address and phone number:

J. REDDING ASPHALT CO.

8410 W. 44TH PL.

LYONS, IL 60534

At the time of submission, the above certified vendor is:



Certified with the CMS Business Enterprise Program (BEP)



Meets the criteria and has submitted an application for certification with BEP

2. A detailed description of the commercially useful work to be done by the certified vendor is as follows:

CLASS D PATCHES, 6"

3. The total estimated cost to the state for Proposal is \$ 395,785⁰⁰. The portion of the Contract which will be contracted/subcontracted to this certified vendor is \$ _____, or 18 % of the total cost of the Proposal.

4. A joint venture agreement is not required, as the arrangement between _____ and _____ is that of contractor/subcontractor and not a joint venture.

5. The Contractor has not prohibited or otherwise limited _____ (certified vendor) from providing contractor/subcontractor quotes to other potential bidders/Contractors.

We understand that the CDB may require additional information to verify our compliance and we agree to cooperate immediately in submitting to interviews, allowing entry to any of our office locations, providing further documentation, or soliciting the cooperation of our proposed certified vendor. We will maintain appropriate records relating to our utilization of the certified vendor including: invoices cancelled checks, books of account, and time records.

Alberto Garcia
Authorized Signature
ALBERTO GARCIA PRESIDENT

Date

4/4/13



hereby grants

National Women's Business Enterprise Certification

to

J. REDDING ASPHALT

who has successfully met WBENC's standards as a Women's Business Enterprise (WBE),
This certification affirms the business is woman-owned, operated and controlled, and is valid through the date herein.

WBENC National WBE Certification was processed and validated by Women's
Business Development Center - Chicago, a WBENC Regional Partner Organization.

Hedy M. Ratner *S. Carol Dougal*

Authorized by Hedy M. Ratner, Co-President, S. Carol Dougal, Co-President,
Women's Business Development Center - Chicago

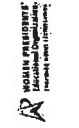
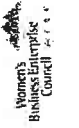
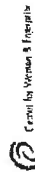


Expiration Date: 05/31/2013

WBENC National Certificate Number: 239257

NAICS Codes: 236220

UNSPSC Codes: 22101621



Contract

1. THIS AGREEMENT, made and concluded the 22nd day of April 2013
Month and Year
between the Village of Indian Head Park
acting by and through its Mayor and Village Trustees known as the party of the first part, and
UNO Construction Company, Inc. his/their executors, administrators, successors or assigns,
known as the party of the second part.

2. Witnesseth: That for and in consideration of the payments and agreements mentioned in the Proposal hereto attached, to be made and performed by the party of the first part, and according to the terms expressed in the Bond referring to these presents, the party of the second part agrees with said party of the first part at his/their own proper cost and expense to do all the work, furnish all materials and all labor necessary to complete the work in accordance with the plans and specifications hereinafter described, and in full compliance with all of the terms of this agreement and the requirements of the Engineer under it.

3. And it is also understood and agreed that the Notice to Contractors, Special Provisions, Proposal and Contract Bond hereto attached, and the Plans for Cochise Drive Water Main Improvements
in Village of Indian Head Park

4. IN WITNESS WHEREOF, The said parties have executed these presents on the date above mentioned.

Attest:
[Signature] Clerk
(Seal)

The _____ of _____
By Richard L. Andrews
Party of the First Part

(If a Corporation)

Corporate Name UNO CONSTRUCTION CO., INC.

By [Signature]
President Party of the Second Part

ALBERTO GARCIA
(If a Co-Partnership)

Attest:
[Signature]
Secretary
Blanca Garcia

6037 Brookbank

DOWNERS GROVE, IL 60516

Partners doing Business under the firm name of

Party of the Second Part

(If an individual)

Party of the Second Part



hereby grants

National Women's Business Enterprise Certification

to
J. REDDING ASPHALT

who has successfully met WBENC's standards as a Women's Business Enterprise (WBE).
This certification affirms the business is woman-owned, operated and controlled; and is valid through the date herein.

WBENC National WBE Certification was processed and validated by Women's Business Development Center - Chicago, a WBENC Regional Partner Organization.

Hedy M. Ratner *S. Carol Dougal*

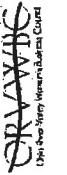
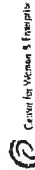
Expiration Date: 05/31/2013
WBENC National Certificate Number: 239257

Authorized by Hedy M. Ratner, Co-President, S. Carol Dougal, Co-President
Women's Business Development Center - Chicago



NAICS Codes: 236220

UNSPSC Codes: 22101621



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Month and Year
between the Village of Indian Head Park
acting by and through its Mayor and Village Trustees known as the party of the first part, and
UNO Construction Company, Inc. his/their executors, administrators, successors or assigns,
known as the party of the second part.

2. Witnesseth: That for and in consideration of the payments and agreements mentioned in the Proposal hereto attached, to be made and performed by the party of the first part, and according to the terms expressed in the Bond referring to these presents, the party of the second part agrees with said party of the first part at his/their own proper cost and expense to do all the work, furnish all materials and all labor necessary to complete the work in accordance with the plans and specifications hereinafter described, and in full compliance with all of the terms of this agreement and the requirements of the Engineer under it.

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Attest:
[Signature] Clerk
(Seal)

The _____ of _____
By Richard L. Andrews
Party of the First Part

(If a Corporation)

Corporate Name UNO CONSTRUCTION CO., INC.

By [Signature]
President Party of the Second Part

ALBERTO GARCIA
(If a Co-Partnership)

Attest:
[Signature]
Secretary
BLANCA GARCIA

6037 BROOKHAWK

DOWNERS GROVE, IL 60516

Partners doing Business under the firm name of

Party of the Second Part

(If an individual)

Party of the Second Part

Contract Bond

Route Cochise Drive
County Cook
Local Agency Indian Head Park
Section NA

BOND# 0598141

We, UNO Construction Company, Inc.

6037 Brookbank, Downers Grove, IL 60516

a/an) ☐ Individual ☐ Co-partnership ☒ Corporation organized under the laws of the State of Illinois

as PRINCIPAL, and International Fidelity Insurance Company

1560 Wall Street, Suite 112, Naperville, IL 60563

as SURETY,

are held and firmly bound unto the above Local Agency (hereafter referred to as "LA") in the penal sum of

Three hundred and ninety five thousand seven hundred eighty five and 00/100

Dollars (395,785.00), lawful money of the

United States, well and truly to be paid unto said LA, for the payment of which we bind ourselves, our heirs, executors, administrators, successors, jointly to pay to the LA this sum under the conditions of this instrument.

WHEREAS THE CONDITION OF THE FOREGOING OBLIGATION IS SUCH that, the said Principal has entered into a written contract with the LA acting through its awarding authority for the construction of work on the above section, which contract is hereby referred to and made a part hereof, as if written herein at length, and whereby the said Principal has promised and agreed to perform said work in accordance with the terms of said contract, and has promised to pay all sums of money due for any labor, materials, apparatus, fixtures or machinery furnished to such Principal for the purpose of performing such work and has further agreed to pay all direct and indirect damages to any person, firm, company or corporation suffered or sustained on account of the performance of such work during the time thereof and until such work is completed and accepted; and has further agreed that this bond shall inure to the benefit of any person, firm, company or corporation to whom any money may be due from the Principal, subcontractor or otherwise for any such labor, materials, apparatus, fixtures or machinery so furnished and that suit may be maintained on such bond by any such person, firm, company or corporation for the recovery of any such money.

NOW THEREFORE, if the said Principal shall well and truly perform said work in accordance with the terms of said contract, and shall pay all sums of money due or to become due for any labor, materials, apparatus, fixtures or machinery furnished to him for the purpose of constructing such work, and shall commence and complete the work within the time prescribed in said contract, and shall pay and discharge all damages, direct and indirect, that may be suffered or sustained on account of such work during the time of the performance thereof and until the said work shall have been accepted, and shall hold the LA and its awarding authority harmless on account of any such damages and shall in all respects fully and faithfully comply with all the provisions, conditions and requirements of said contract, then this obligation to be void; otherwise to remain in full force and effect.

IN TESTIMONY WHEREOF, the said PRINCIPAL and the said SURETY have caused this instrument to be signed by their respective officers this 19th day of April A.D. 2013

PRINCIPAL

UNO Construction Company, Inc.
(Company Name)

By: [Signature]
ALBERTO GARCIA (Signature & Title) PRESIDENT

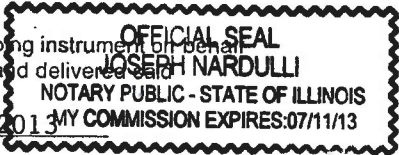
Attest: [Signature]
BLANCA GARCIA (Signature & Title) SECRETARY

(If PRINCIPAL is a joint venture of two or more contractors, the company names and authorized signature of each contractor must be affixed.)

STATE OF ILLINOIS,
COUNTY OF COOK

I, Joseph Nardulli, a Notary Public in and for said county, do hereby certify that
Alberto Garcia & Blanca Garcia

(Insert names of individuals signing on behalf or PRINCIPAL)



who are each personally known to me to be the same persons whose names are subscribed to the foregoing instrument on behalf of PRINCIPAL, appeared before me this day in person and acknowledged respectively, that they signed and delivered said instrument as their free and voluntary act for the uses and purposes therein set forth.

Given under my hand and notarial seal this 19th day of April A.D. 2013

My commission expires 07/11/13
[Signature] Notary Public

(SEAL)

SURETY

International Fidelity Insurance Company
(Name of Surety)

By: [Signature]
(Signature of Attorney-in-Fact)

Kevin J. Scanlon, Attorney-in-fact
(SEAL)

STATE OF ILLINOIS,
COUNTY OF WILL

I, Sherry Bacskai, a Notary Public in and for said county, do hereby certify that

Kevin J. Scanlon

(Insert names of individuals signing on behalf or SURETY)

who are each personally known to me to be the same persons whose names are subscribed to the foregoing instrument on behalf of SURETY, appeared before me this day in person and acknowledged respectively, that they signed and delivered said instrument as their free and voluntary act for the uses and purposes therein set forth.

Given under my hand and notarial seal this 19th day of April A.D.

My commission expires 10/22/2015

[Signature]
Notary Public



Approved this 22nd day of April A.D. 2013

Attest: [Signature]
Village

Clerk

Village of Indian Head Park
(Awarding Authority)

Richard L. Andrews
(Mayor)

POWER OF ATTORNEY

INTERNATIONAL FIDELITY INSURANCE COMPANY ALLEGHENY CASUALTY COMPANY

ONE NEWARK CENTER, 20TH FLOOR NEWARK, NEW JERSEY 07102-5207

KNOW ALL MEN BY THESE PRESENTS: That **INTERNATIONAL FIDELITY INSURANCE COMPANY**, a corporation organized and existing under the laws of the State of New Jersey, and **ALLEGHENY CASUALTY COMPANY** a corporation organized and existing under the laws of the State of Pennsylvania, having their principal office in the City of Newark, New Jersey, do hereby constitute and appoint

KEVIN J. SCANLON, R.L. MCWETHY, ROBERT H. WALKER, ROBERT W. KEGLEY JR., GARY A. EATON

New Lenox, IL.

their true and lawful attorney(s)-in-fact to execute, seal and deliver for and on its behalf as surety, any and all bonds and undertakings, contracts of indemnity and other writings obligatory in the nature thereof, which are or may be allowed, required or permitted by law, statute, rule, regulation, contract or otherwise, and the execution of such instrument(s) in pursuance of these presents, shall be as binding upon the said **INTERNATIONAL FIDELITY INSURANCE COMPANY** and **ALLEGHENY CASUALTY COMPANY**, as fully and amply, to all intents and purposes, as if the same had been duly executed and acknowledged by their regularly elected officers at their principal offices.

This Power of Attorney is executed, and may be revoked, pursuant to and by authority of the By-Laws of **INTERNATIONAL FIDELITY INSURANCE COMPANY** and **ALLEGHENY CASUALTY COMPANY** and is granted under and by authority of the following resolution adopted by the Board of Directors of **INTERNATIONAL FIDELITY INSURANCE COMPANY** at a meeting duly held on the 20th day of July, 2010 and by the Board of Directors of **ALLEGHENY CASUALTY COMPANY** at a meeting duly held on the 15th day of August, 2000:

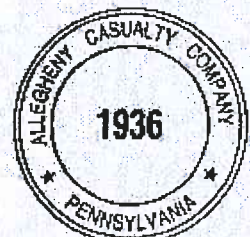
"RESOLVED, that (1) the President, Vice President, or Secretary of the Corporation shall have the power to appoint, and to revoke the appointments of, Attorneys-in-Fact or agents with power and authority as defined or limited in their respective powers of attorney, and to execute on behalf of the Corporation and affix the Corporation's seal thereto, bonds, undertakings, recognizances, contracts of indemnity and other written obligations in the nature thereof or related thereto; and (2) any such Officers of the Corporation may appoint and revoke the appointments of joint-control custodians, agents for acceptance of process, and Attorneys-in-fact with authority to execute waivers and consents on behalf of the Corporation; and (3) the signature of any such Officer of the Corporation and the Corporation's seal may be affixed by facsimile to any power of attorney or certification given for the execution of any bond, undertaking, recognizance, contract of indemnity or other written obligation in the nature thereof or related thereto, such signature and seals when so used whether heretofore or hereafter, being hereby adopted by the Corporation as the original signature of such officer and the original seal of the Corporation, to be valid and binding upon the Corporation with the same force and effect as though manually affixed."

IN WITNESS WHEREOF, **INTERNATIONAL FIDELITY INSURANCE COMPANY** and **ALLEGHENY CASUALTY COMPANY** have each executed and attested these presents on this 12th day of March, 2012.



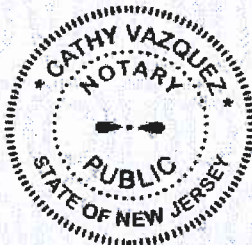
STATE OF NEW JERSEY
County of Essex

ROBERT W. MINSTER
Executive Vice President/Chief Operating Officer
(International Fidelity Insurance Company)
and President (Allegheny Casualty Company)



On this 12th day of March 2012, before me came the individual who executed the preceding instrument, to me personally known, and, being by me duly sworn, said he is the therein described and authorized officer of **INTERNATIONAL FIDELITY INSURANCE COMPANY** and **ALLEGHENY CASUALTY COMPANY**; that the seals affixed to said instrument are the Corporate Seals of said Companies; that the said Corporate Seals and his signature were duly affixed by order of the Boards of Directors of said Companies.

IN TESTIMONY WHEREOF, I have hereunto set my hand affixed my Official Seal, at the City of Newark, New Jersey the day and year first above written.



A NOTARY PUBLIC OF NEW JERSEY
My Commission Expires Mar. 27, 2014

CERTIFICATION

I, the undersigned officer of **INTERNATIONAL FIDELITY INSURANCE COMPANY** and **ALLEGHENY CASUALTY COMPANY** do hereby certify that I have compared the foregoing copy of the Power of Attorney and affidavit, and the copy of the Sections of the By-Laws of said Companies as set forth in said Power of Attorney, with the originals on file in the home office of said companies, and that the same are correct transcripts thereof, and of the whole of the said originals, and that the said Power of Attorney has not been revoked and is now in full force and effect.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 19th day of April, 2013

MARIA BRANCO, Assistant Secretary